Information event: NAIF

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ETHzürich
ETH Library | Universität Zürich UZH | EPFL | zh aw | PH SG | UNI FR | unine· Université de Neuchâtel | Universität St.Gallen | swissuniversities

Funding partners and project leaders

Funding partners

- ETH Library, ETH Zurich
- University of Zurich
- EPFL Library, EPFL
- ZHAW Zurich University of Applied Sciences
- St.Gallen University of Teacher Education
- University of Fribourg
- University of Neuchâtel
- University of St.Gallen

Project leaders

- Dr. David Johann
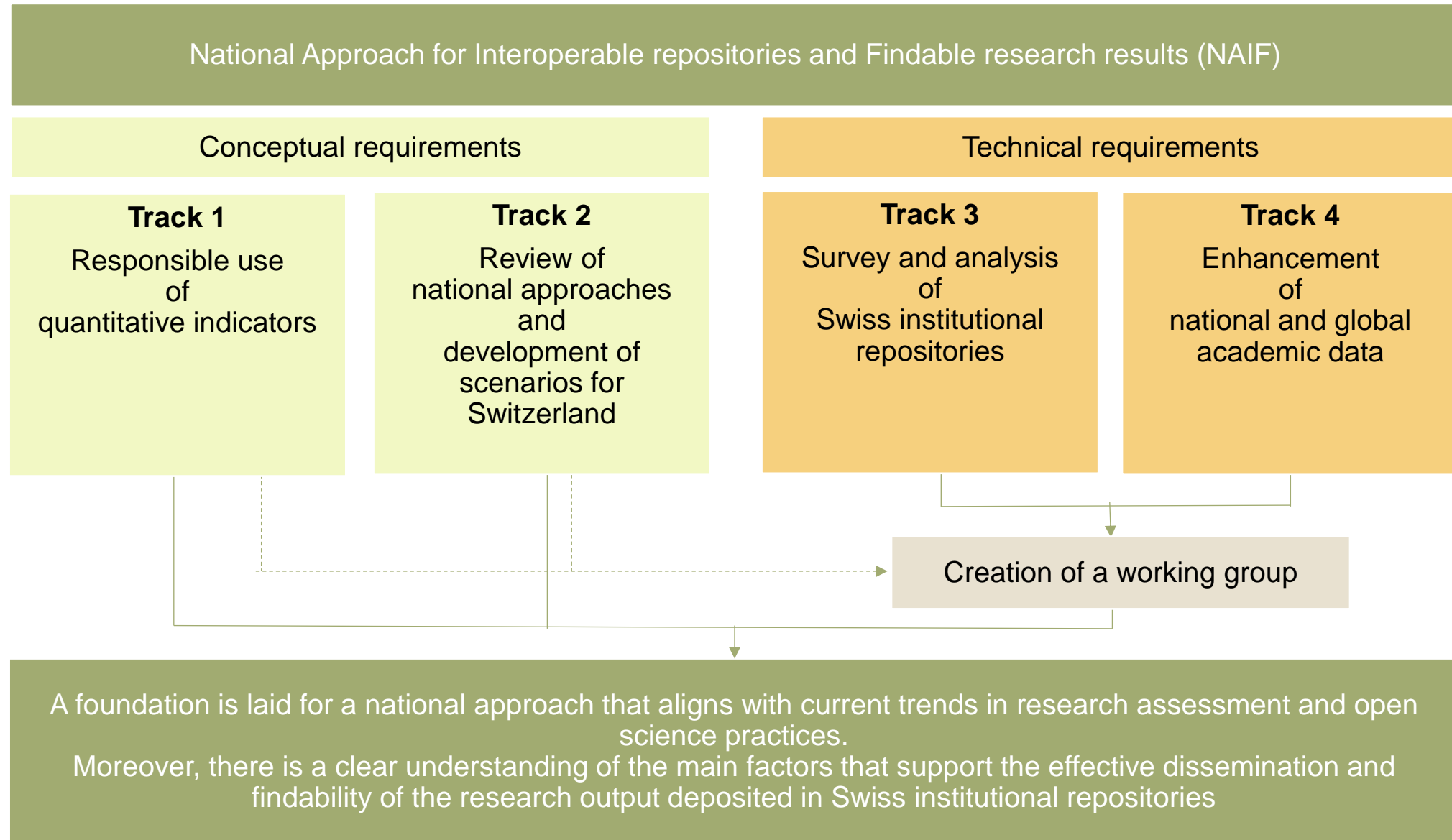- Simon Willemin

Tracks leaders

- Pascale Bouton
- Dr. David Johann
- Dr. Martin Jaekel
- Dr. Andrea Malits
- Dr. Rüdiger Mutz
- Julien Sicot
- Stefan Vogt
- Simon Willemin

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NAIF: National Approach for Interoperable repositories and Findable research results

NAIF Project

NAIF Project: Tracks

National Approach for Interoperable repositories and Findable research results (NAIF)

Conceptual requirements

Technical requirements

Track 1

Responsible use
of
quantitative indicators

Track 2

Review of
national approaches
and
development of
scenarios for
Switzerland

Track 3

Survey and analysis
of
Swiss institutional
repositories

Track 4

Enhancement
of
national and global
academic data

Creation of a working group

A foundation is laid for a national approach that aligns with current trends in research assessment and open science practices.
Moreover, there is a clear understanding of the main factors that support the effective dissemination and findability of the research output deposited in Swiss institutional repositories

NAIF Project: Milestones

- 28 August 2025   Information event: NAIF

- September 2025   Start data collection for the repositories survey (Track 3)

- 11 September 2025   Workshop (Track 1)

- 15 October 2025   Workshop (Track 4)

- 5 November 2025   Panel discussion (Track 2)

- 2026   Publication of deliverables and project end

Track 1
Responsible use of quantitative indicators

Track 1: Objectives

- Recommendation of a set of quantitative scientometric indicators and their responsible use for monitoring and research assessment at researcher level, research unit level, institutional level and national level, in line with the intentions of DORA and CoARA.

- Main deliverable: Report with recommendations on the responsible use of indicators

Track 1: Approach

- Dedicated SYoS Workshop:
  - Fostering mutual exchange on the current use of quantitative scientometric indicators and proposed future change in this use
  - Value conflicts triggered by such change
  - Characterisation of quantitative scientometric indicators
  - Potential implementation of such change

- Online Questionnaire for Libraries:
  - Covering the same topics but from a bit more technical perspective

- Interviews with Research Analytics / internal Research Evaluation Offices
  - Use cases for quantitative scientometric indicators

- Online-/Literatur Survey:
  - Research-on-Research literature regarding use of quantitative scientometric indicators

Track 1: Milestones

- SYoS Workshop: 11 September 2025

- Final report: July 2026

Track 1: Expected stakeholders

- Libraries

- Research Evaluation Offices

- Scientometric Researcher Community

- Quality Assurance

- Research Managers

Track 2
Review of national approaches and development of scenarios for Switzerland

Track 2: Description

Towards a National Infrastructure for Open Research Information / Open Academic Data

- This track will begin with a **structured, collaborative workshop/panel discussion**, bringing together experts from countries with both comparable and contrasting frameworks to share their insights and experiences. The workshop will enable a **comparative analysis of national strategies**, with a focus on key governmental and institutional stakeholders, funding mechanisms, sustainability models, cost-effectiveness, and technical solutions (e.g., federated vs. centralised systems). The results will be assessed to highlight gaps and challenges specific to Switzerland

- Subsequently, it will be essential to **engage national stakeholders** in identifying requirements, expectations, and challenges through targeted consultations, including roundtables and white papers. Drawing on these insights, a **robust proposal** will be developed and iteratively refined in collaboration with all relevant stakeholders to ensure both feasibility and long-term impact

- In addition, the **possible introduction of a secondary publication right** will be taken into account

Track 2: Scope & Deliverables

- **Workshop / Panel Discussion**
  National approaches and expertise from the Netherlands, Denmark, and Finland

- Exploration of possible solutions for Switzerland, in comparison with international best practices and existing concepts

- **Report to include**

- Analysis of the added value for Switzerland, including consideration of a possible secondary publication right and related business case(s)

- Outcomes of the workshop and suggestions for potential implementation in Switzerland

- Recommendations for action, including implementation phases, funding models, and sustainability strategies

- Identification of costs and potential benefits of different solutions (including technical aspects), and development of a business model with a sustainability plan

Track 2: Milestones

- Workshop/Panel Discussion on national approaches and documentation

- Draft report

- Roundtables with quality review

    Input from SLiNER

    Input from DelOS

- Preparation of the preliminary report

- Final report: publication and handover to the working group (unified outcome)

Track 2: Expected stakeholders

- **Decision-makers at the national and institutional level, including:**

- Members of **SLiNER** (Swiss Library Network for Education and Research)

- Members of the executive boards of "all" Higher Education Institutions (HEIs)

- Representatives of the **Swiss National Science Foundation (SNSF)**

- Representatives of the **Swiss Academies of Arts and Sciences**

- Representatives of the **State Secretariat for Education, Research and Innovation (SERI)**

- Members of the **Arbeitskreis Open Access (AKOA)**

Track 3
Survey and analysis of Swiss institutional repositories

Track 3: Survey & Analysis of Swiss Institutional Repositories

Challenges

- Fragmented metadata practices, governance models, and technical infrastructures across Swiss repositories

- Limited national overview of repository status, reducing research visibility and interoperability

- Reliance on external data providers instead of leveraging local, high-quality repository data

Objectives

- Deliver an **in-depth national analysis** of Swiss institutional repositories (IRs)

- Map **repository characteristics**: infrastructure, staffing, metadata practices, content types, sustainability

- **Align** with international **best practices** (OpenAIRE, DataCite) to enhance metadata quality

- **Understand** repository managers' **needs** and **challenges**

- **Address** metadata and support **issues** at the **source repository level**

Track 3: Survey Methodology

Approach

- Modelled on **NORF Survey of Open Repositories** (Ireland) and the **European Open Repositories Survey** 2023 (OpenAIRE, LIBER, SPARC Europe, COAR)

- Community-driven, consensus-based approach

Steps

- National **inventory** of Swiss repositories

- **Survey**: quantitative & qualitative data collection

- Define and conduct a **self-assessment process**: OpenAIRE Validator, Plan S

- Semi-structured **interviews** with repository managers & strategists

- **SWOT & gap analysis**: patterns, barriers, opportunities

- **Benchmarking** with international **best practices**

National Open Research Forum (NORF) Survey of Open Repositories in Ireland:
https://zenodo.org/records/10377235
Report:
https://zenodo.org/records/10390626

Aug 2025: Survey preparation

Sep–Dec 2025: Data collection

Jan 2026: Gap identification

Feb–Jul 2026: Analysis & recommendations
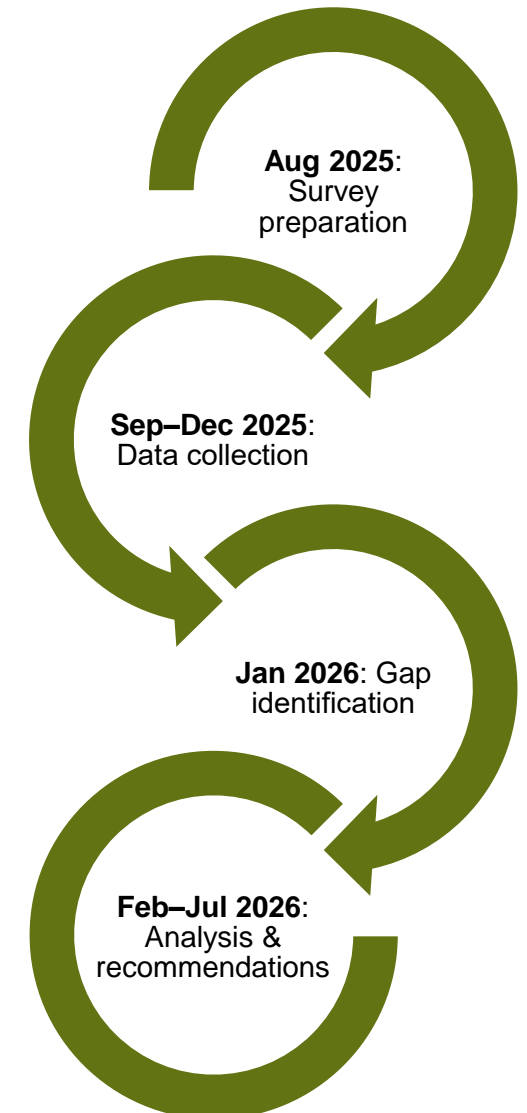
Track 3: Survey Scope & Focus Aera

Who?

- **Institutional repositories** of *swissuniversities-accredited HEIs*

- Selected additional repositories (e.g., CERN, research institutes)

- ORD-only repositories **out of scope**

Expected Stakeholders

- Repository managers

- Repository administrators & IT staff

- Repository curators

- (System) Librarians

What?

- Institution & Governance
- Infrastructure &Technical Setup
- Content & Workflows
- Metadata, PIDs & Standards
- Interoperability & Preservation
- Services, Staff & Support
- Sustainability & Concerns
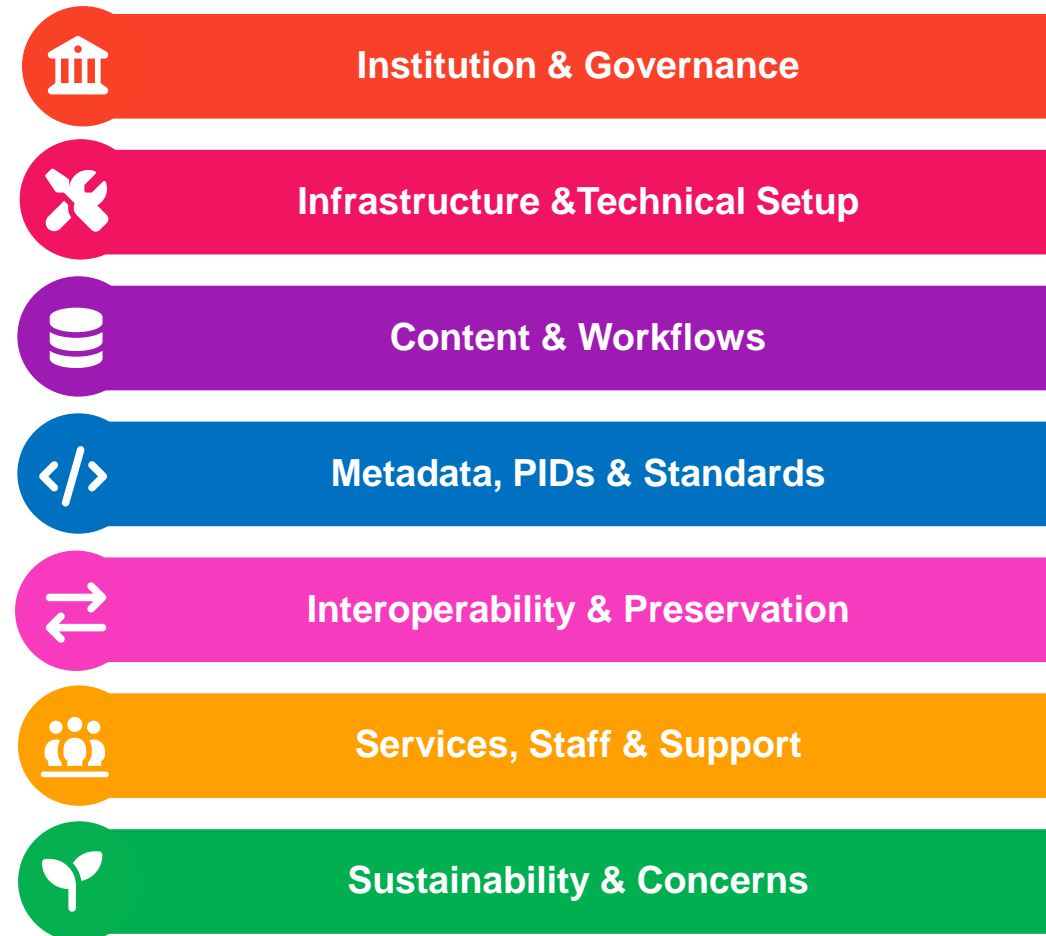
Track 3: Illustrative Survey Questions

Which software platform does your repository use?

Please indicate the main software platform on which your repository is based. If your institution uses more than one platform, list them all. If it is a custom or less common solution, select 'Other' and specify.

Please rank the following content types according to their importance or prevalence in your repository (1 = most important / most common, N = least important / least common).

Drag and drop the items to rank them. If your repository does not accept a content type, you may leave it unranked.

Is your repository compliant with any of the following metadata guidelines or frameworks?

This question refers to external guidelines for interoperability and metadata quality.

Which Persistent Identifiers (PIDs) are assigned to objects in your repository?

Select all that apply. If PIDs vary by content type, please specify.

Which interoperability protocols does your repository support?

Select all technical protocols supported for metadata or content exchange.

Who is responsible for the assessment and curation of deposits in your repository?

Assessment and curation may include tasks such as metadata validation, copyright checks, file integrity verification, or ensuring compliance with repository policies.

Track 3: Outcomes & Benefits

Benefits for participants

- **Increased visibility** of your repository and outputs

- **Influence** on the design of a national metadata framework

- **Access** to international benchmarking and best practices

- **Opportunity** to join a collaborative Swiss repository network

Expected impact

- Identification of **common priorities** (metadata quality, OA advocacy, sustainability)

- **Practical, cost-effective improvements** without major new infrastructure

- Stronger **interoperability and visibility** for Swiss research on the global stage

Outcomes

National Inventory of Swiss Institutional Repositories

Gap analysis report with actionable recommendations

Shared Swiss metadata framework, aligned with international standards

Pilot initiatives to test and validate recommandations

Community of practice to connect repository experts across Switzerland

Track 4
Enhancement of national and global academic data

Track 4: Enhancement of national and global academic data

Challenges

- Gaps regarding the visibility and findability of research performed in Switzerland are partly due to **inaccurate** or **incomplete** data

- Adopt a community-based, bottom-up approach at the local level, where **actions** are first implemented locally (see use-cases described in the [Recommendations paper](#)) and can then be **scaled up** and **systematically applied at broader levels** (e.g., nationally)

Objectives

- Define **relevant categories of academic data**—that is, scholarly metadata already integrated, or to be integrated, into institutional repositories, but originating from external authoritative sources—and identify those **sources**

- Identify **challenges** and **gaps** regarding the relevant categories of academic data

- Design, prioritize and implement **good practices** and **concrete actions** to improve the quality and advance the FAIRification of research conducted in Switzerland and worldwide

Track 4: Metadata focusses

Organizational data
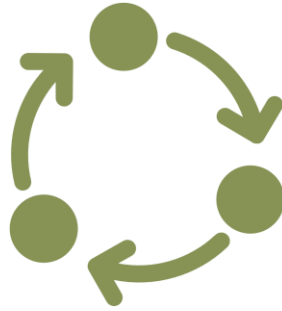(e.g., ROR)

Authorship data
(e.g. ORCID)
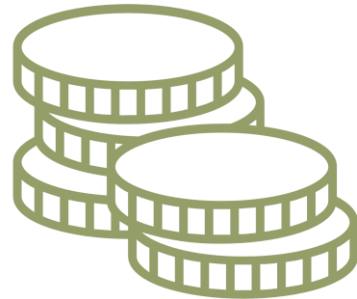
Funding data
(e.g., SNSF Funding)

Open Access information
(e.g., OA type, APCs)

Track 4: Possible forms of deliverables and actions

Facilitation of metadata integration in institutional repositories
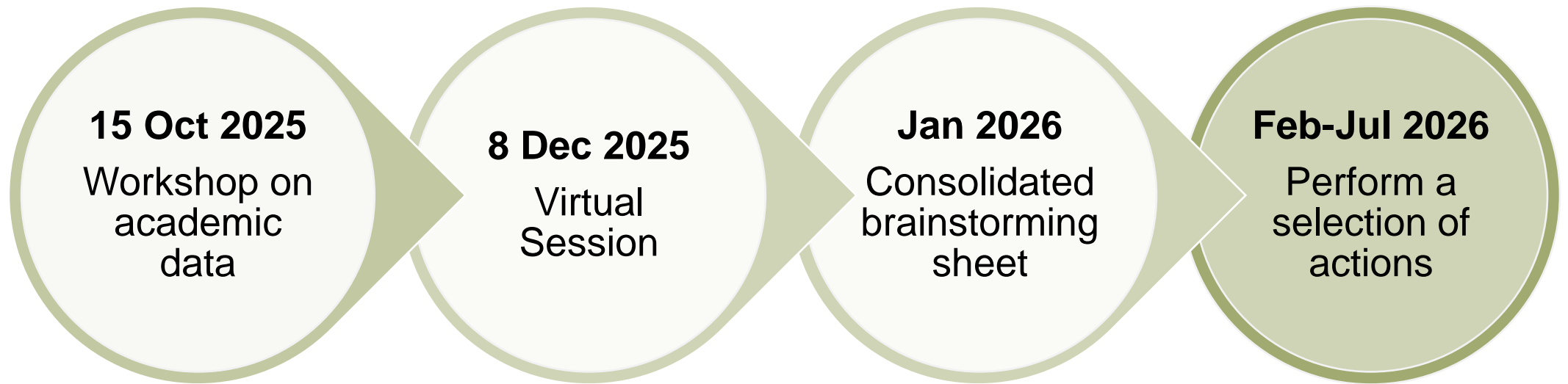
Metadata curation

Awareness campaigns

Recommendations or guidelines

Track 4: Milestones

15 Oct 2025
Workshop on academic data

8 Dec 2025
Virtual Session

Jan 2026
Consolidated brainstorming sheet

Feb-Jul 2026
Perform a selection of actions

Track 4: Expected stakeholders

- Metadata librarians

- Curators

- Data scientists

- Bibliometricians

- Open Science officers

Unified outcome
Creation of a working group

Unified outcome: Creation of a working group

- This unified outcome aims to establish a working group that will make advancements towards greater interoperability and standardization across institutional repositories in Switzerland.

- Based on the preliminary findings of the conceptual requirements identified by the four tracks, project participants will define a working group to enhance the visibility of Swiss research results and to ensure smooth data dissemination in terms of:

  – status and organizational form

  – criteria of representativeness

  – goals, strategy, and actions

- Milestone:

  – Q1 2026   First meeting gathering participants from the four tracks

Join the NAIF project

Joining the NAIF project

Who can join?

Stakeholders from:

- Accredited Higher Education Institutions
  - https://www.swissuniversities.ch/en/topics/studying/accredited-swiss-higher-education-institutions-1
- Other Higher Education Institutions and research institutes in Switzerland
- National and international initiatives or projects

What are the forms of participation?

- Active contributor
  - You actively contribute to the production of content
- Passive contributor
  - You act as a reviewer or advisor on preliminary versions of the deliverables
- Institutional respondent
  - You facilitate contacts within your institution and / or you are ready to participate to interviews / surveys

Registration form

To join the project, fill out the Google form

https://forms.gle/hAQwHaitKDZ3Cf846

Conclusion

NAIF website

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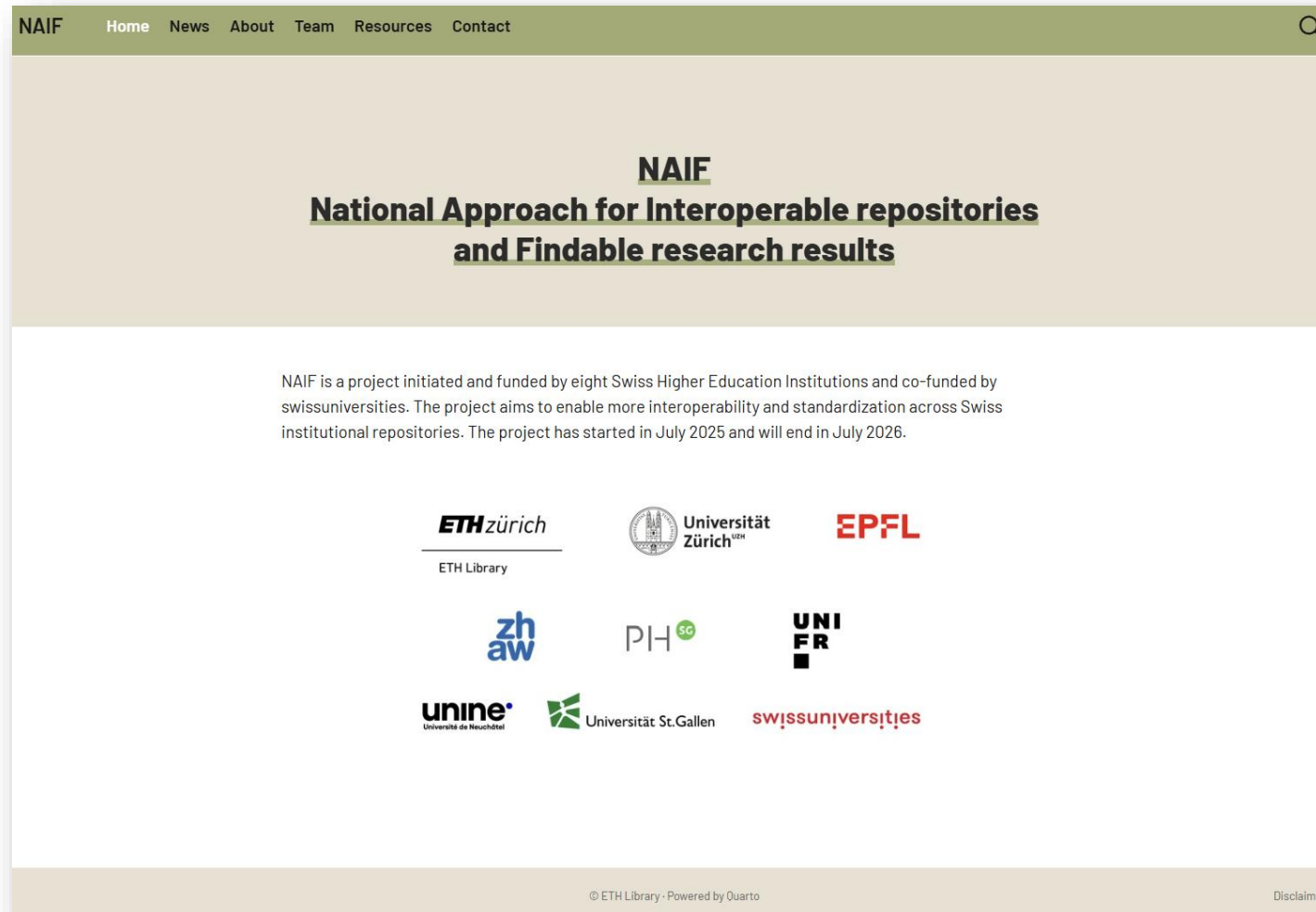
Save the date

NAIF events

- Workshop: Responsible use of quantitative indicators (Track 1)
  - Date: 11 September 2025
  - Location: ETH Zurich
  - Registration: https://yearofscientometrics.ethz.ch/mc-events/syos-workshop-no-6

- Workshop: Improving academic metadata for Swiss repositories and institutions (Track 4)
  - Date: 15 October 2025
  - Location: University of Neuchâtel
  - Registration: https://forms.gle/23kzvv1kubBDXpHp6

- From Policy to Practice: Building a National Open Academic Data Framework in Switzerland (Track 2)
  - Date: 5 November 2025
  - Location: University of Zurich
  - Registration: https://ema.uzh.ch/RLX4H

NAIF: National Approach for Interoperable repositories and Findable research results

Questions and Feedback

Thank you

NAIF Information event

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Dr. Andrea Malits (University of Zurich)
Dr. Rüdiger Mutz (CHESS, University of Zurich)
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