

swissuniversities

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University of Zurich – Lunch & Learn: Programme Open Science

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Framework & Foundations

Swiss National ORD Strategy: Development

Development of the Swiss National ORD Strategy and Action Plan:

- January 2020: The State Secretariat for Education, Research and Innovation (SERI) mandates swissuniversities, the EPFL, ETHZ, and the SNSF to develop a Swiss National Strategy for Open Research Data (ORD)
- July 2021: The [Swiss National Strategy for Open Research Data \(ORD\)](#) is published. It was developed in a joint undertaking by swissuniversities, the ETH Domain, the SNSF, and the Swiss Academies of Arts and Sciences
- January 2022: Publication of the associated [ORD Action Plan](#) which concretises the measures of the ORD Strategy.

Swiss National ORD Strategy: Objectives

The [Swiss National Strategy for Open Research Data](#) (ORD) provides a framework for sharing research data in Switzerland that has been funded with public money.

The 4 core aims of the Strategy:

- A. support researchers and research communities in imagining and adopting ORD practices
- B. development, promotion, and maintenance of financially sustainable basic infrastructures and services
- C. equip researchers for ORD skills development and sharing of best practices
- D. building up systemic and supportive conditions for institutions and research communities

Swiss National OA Strategy: Development

Development of the Swiss National OA Strategy:

- 2015 The State Secretariat for Education, Research and Innovation (SERI) mandates swissuniversities to develop a Swiss National Strategy for Open Research Data (ORD)
- 2017 The [Swiss National Open Access Strategy](#) is published. It was developed in a joint undertaking by swissuniversities and the SNSF.
- 2023 On the basis of a Background Report, the Swiss National OA Strategy is revised
- 2024 The revised [Swiss National Open Access Strategy](#) is published.

Swiss National OA Strategy: Objectives

The [Swiss National Open Access Strategy](#) aims at **making all publicly funded scholarly publications freely available** by providing **immediate machine-readable access** to scientific knowledge at **no charge** and with **no embargo**. The OA Strategy:

- upholds the vision that the OA landscape is composed of a variety of OA models.
- calls for coherent framework conditions in the scholarly publishing system that enable researchers to read and publish in OA in a cost-effective, financially sustainable manner.
- Contributes to the improvement of scholarly publishing practices and accommodates the heterogenous scholarly publishing needs of the different research communities.

Objectives of the Swiss National OA Strategy:

1. The frameworks for scholarly publishing set by institutions and service providers advance the paradigm shift towards OA.
2. The scholarly publishing practices of research communities are characterised by a fully OA culture.
3. The scholarly publishing system is financially sustainable.
4. Authors affiliated with a Swiss institution have OA publishing options at reasonable conditions that align with the global context.
5. Scholarly publishing in Diamond OA is financially viable and a robust alternative for authors.
6. OA for scholarly long-form publications and additional publication formats is supported.

swissuniversities' Programme Open Science II: Basics

- swissuniversities' [Programme Open Science II](#) is a federal programme designed to support projects of national relevance in the domain of higher education. It aims to consolidate and strategically develop Open Science at Swiss HEIs and within research communities and finances the implemented measures through federal project contributions (so-called PgBs).
- The Programme Open Science II focuses on 3 dimensions that may at times overlap: Open Access to Scientific Publications (OA), Open Research Data (ORD), and further innovative areas of Open Science.
- The cornerstones of the programme are described in the [implementation plan](#).
- The [Delegation Open Science](#) (DeIOS) manages the implementation of the Programme Open Science II on behalf of the swissuniversities Board. It is the programme's decision-making body.

swissuniversities' Programme Open Science II: Reduction to 2025-26

- Initially, the Programme Open Science II was planned and approved for the entire ERI period of 2025–2028.
- On 20 September 2024, the Federal Council announced its plans to discontinue project-related contributions (PgB) in the context of federal cost-cutting measures.
- swissuniversities has been informed that for now, financial resources for the 2025-2028 programmes can only be committed for the year 2025. Projects may use funding received for 2025 until the end of July 2026.
- On 8 November 2024, the Swiss Higher Education Council SHK decided to reserve CHF 6.45 million for the Programme Open Science II for 2025. Updates on the situation are published on the [swissuniversities website](#).

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Programme Open Science II: Current activities

swissuniversities' Programme Open Science II: Current Status

Open Science

1a Open Research Data

- ORD practices
- Strategic infrastructures
- ORD experts / Data Stewardship
- Swiss Research Data Support Network
- Strategy Council*

2'850'000 CHF

1b Open Access

- Cost monitoring
- Negotiations with publishers
- Diamond OA
- Green OA
- Long-Form

1'200'000 CHF

1c Innovative Areas

- Cooperation with international organisations
- Knowledge Security

350'000 CHF

2 Open Education & Digital Competencies

2'150'000 CHF

- Communication & Awareness Raising: 100'000 CHF

* Funding may be provided for higher education institutions for the project work they carry out within the framework of the ORD Blueprints.

swissuniversities' Programme Open Science II: Action Lines

Open Access

- Cost Monitoring;
- Negotiations with Publishers;
- Long-form and Other Publication Formats;
- Green OA;
- Diamond OA.

Innovative Areas of Open Science

- Cooperation with International Organisations;
- Knowledge Security.

Open Research Data

- A1: (CHORD);
- B3.2: funding for existing ORD Infrastructures;
- B5.2: ORD Specialists / Data Stewardship at HEIs;
- B5.3 Swiss Research Data Support Network;
- ORD Strategy Council Support.

← Coming soon

Cross-Dimensional Calls

- Communication & Awareness Raising

Currently open

See the programme's [implementation plan](#) and [website with the calls for proposals](#) for more detailed information.

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Retrospective: Programme Open Science I

Retrospective: Programme Open Science I

“As a driver of innovation, the Open Science programme generates added value for the higher education landscape that goes beyond mere coordination.”

- The range of services has been expanded and became more visible. Researchers are increasingly using open science services offered by HEIs and libraries (such as repositories and research data management).
- HEIs have dealt intensively with open science at a strategic level. The programme has led to the establishment of institutional policies and standards.
- Networks around open science have been strengthened and new discipline-specific networks have been established. This is particularly noticeable in ORD, where an exchange on standards or the area of tension with knowledge security was still largely lacking four years ago.
- For more information: see programme [website](#).



Programm Open Science I (2021–2024) – swissuniversities

Retrospective: Programme Open Science I

Open Access (OA)

Institutionelle OA-Policies an den Hochschulen etablieren	41 Projekte	6.9 Mio.
Regulatory Framework: Die gesetzlichen Rahmenbedingungen für OA prüfen		
Kommunikation und Sensibilisierung zu OA in der Forschungsgemeinschaft		
Verlagsverhandlungen («Big Deal Negotiations»)		
Nationales OA-Monitoring		
Institutionelle OA-Funds		
Entwicklung gemeinsamer Dienstleistungen und e-Infrastrukturen		
Teilnahme an internationalen Initiativen		
Alternative Publikationsformen: Journal Flipping und OA-Publikationsplattformen aufbauen		
OA-kompatible Praktiken in der Forschungsbewertung		

Open Research Data (ORD)

A1 Bottom-up-Unterstützung zur Förderung von Exzellenz in der ORD-Praxis	97 Projekte	25.3 Mio.
B3 ORD-Förderung für bestehende Forschungsinfrastrukturen von strategischer Relevanz		
B5 Entwicklung und Etablierung von ORD-Expertise und Data Stewardship in den Institutionen		
C1 Unterstützung der Beteiligung an internationalen Initiativen		
C2 Ausbildung von Forschenden bei Forschungsdatenmanagement und ORD-Praktiken		
D1 Best Practices für die Berücksichtigung von ORD-Praktiken bei Einstellungs- und Karriereentwicklungsprozessen		
D2 Ethische und rechtliche Aspekte (Forschungsdatenschutzbeauftragte, Zusammenarbeit mit Privatsektor usw.)		
a.o. Unterstützung für die Entwicklung und zur Umsetzung der ORD-Aktionslinien an Dritte ¹		

Total Anzahl Projekte Programm Open Science I

138

32.2 Mio.

Retrospective: Programme Open Science I



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Newsletter & Contact Information

Newsletter Open Science

Our monthly Newsletter provides you with updates on the swissuniversities Programme Open Science, news on calls, events in the fields of Open Access and Open Research Data:

<https://www.swissuniversities.ch/en/topics/open-science/newsletter-open-science>



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Questions and Discussion

