19.11.2019, Journées de la Science Ouverte, Paris

Stratégie nationale de science ouverte en Suisse

Dr Patrick Furrer,
Coordinateur national du Programme en Information Scientifique
Agenda

01 Program «Scientific Information» 2017-2020: Current situation

02 Swiss Open Science Strategy 2021-2028

03 Swiss Open Research Data Action Plan 2021-2024
Program «Scientific Information» 2017-2020

Current situation
Scientific Information Program 2017-2020

**Key objectives:**
1. Create a network of services linking libraries, the IT community and scientific computing
2. Create a coordination structure (COSI) for facilitating the transition to sustainable services

2013–2016 = CHF 45 mio.
2017-2020  = CHF 30 mio.

14 projects
9 pilot services
11 running services

Project related federal grants:
50% matching funds by HEI
P5 – A selection of projects dealing with Open Science

Scientific Information Program

Projects
- SwissMoocs
- SONAR
- SLSP
- Materials Cloud
- Selvedas
- histHub

Pilot Services
- Data-Life-Cycle Mgmt.
- Swiss edu-ID
- EnhanceR
- NIE-INE

Running Services
- Coop. Storage Library
- swissbib
- National Licences
- SWITCHengines
- Train2Dacar
- e-codices

Legend
- Open Science Inside
Swiss Open Science Strategy
2021-2028
Why Open Science

But…

IS THERE A REPRODUCIBILITY CRISIS?

- 7% Don’t know
- 52% Yes, a significant crisis
- 38% Yes, a slight crisis
- 3% No, there is no crisis

1,576 researchers surveyed
What is the issue then?
From Scientific Information to Open Science Strategy

2021-2028
Open Science

2017-2020
Development of service network: Program P-5

2013-2016
Consolidation of strengths: Program P-2

Up to 2013
Predecessor programs

Citizen Science
Open Education
Open Innovation
Open Access
Open Data
Open Science National Strategy 2021-2028

4 Objectives:

• Improving shareability and interpretability

• Leveraging decentralization and diversity

• Strengthening the dialogue between science and the society

• Adoption of Openness and FAIRness

Link to document (currently version 2)
Open Access Action Plan – State of Play

• Open Access Alliance created on October 7, 2019, as National Sounding Board advising swissuniversities

• Negotiations of Big Deals for 2020 with Wiley, Springer Nature and Elsevier

• OA Policy Template elaborated by SLiNER (Swiss Library Network for Education and Research)

• OA Monitoring – Project in implementation by SLiNER

• Integration of the OA Action Plan into the Open Science Action Plan
Swiss Open Science Action Plan 2021-2024

Focus on Open Research Data
Open Science Action Plan 2021-2024

Fields of Activities

Open Access: communication and awareness raising, setting up of shared services and infrastructures, joint international participations, alternative forms of publications, national monitoring, negotiations with publishers

Research Assessment

FAIR Data & Services: This field of activity will develop HEI’s and scientific communities capacities with an interdisciplinary perspective: communication and awareness-raising, skills development and training, initiating shared services, FAIR compliance, joint international participations

Exploratory and Integrative Projects: Open Innovation (Co-funding by external partners), Citizen Science and Open Educational Resources

Open Research Data Infrastructures: developing a sustainable funding (therefore not on a project-based funding source) for existing and emerging national Open Research Data Infrastructures

Open Science Program
Co-funding (seed money)

Sustainable Funding
SNSF

Work in progress, to be published in Q4 2020

Swissuniversities  Dr Patrick Furrer, 19.11.2019
Stimulating Cooperation instead of Competition

Today
- Website
- Competitive Calls
- Peer-Review Evaluation
- Very discipline specific solutions
- Not Invented Here Syndrom

Tomorrow (from 2020 onwards)
- Cooperation Portal
- Open Proposal Preparation
- Open Peer-Review
- Favoring cross- or interdisciplinary solutions
- Synergy and economies of scale

a strong community of open science services providers and users, including the scientific community and the society in trusting science
Coordination Team:

More Information:  www.swissuniversities.ch/isci