FONDS NATIONAL SUISSE
SCHWEIZERISCHER NATIONALFONDS
FONDO NAZIONALE SVIZZERO
SWISS NATIONAL SCIENCE FOUNDATION

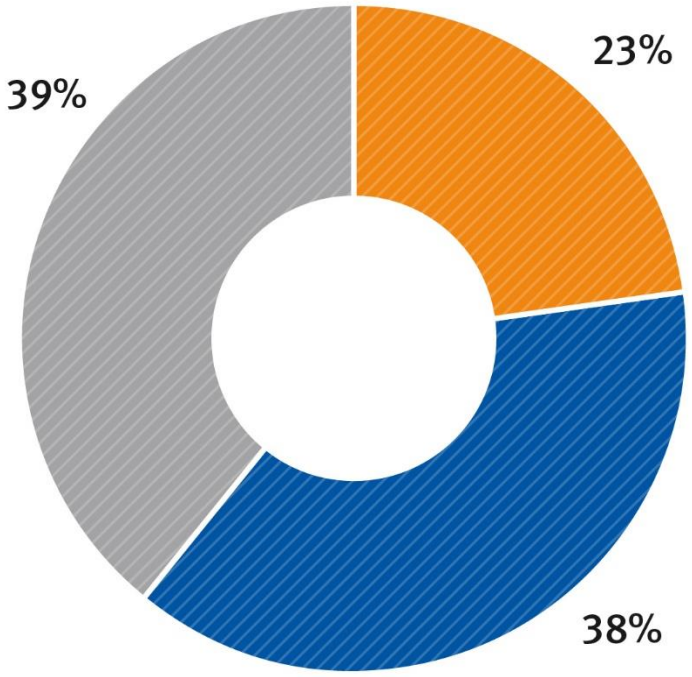
The SNSF

We invest in researchers and their ideas

On behalf of the Swiss government, the SNSF supports basic and use-inspired research in all scientific fields.

We select and fund the best research projects in a competition-based selection process.

Funding by research area

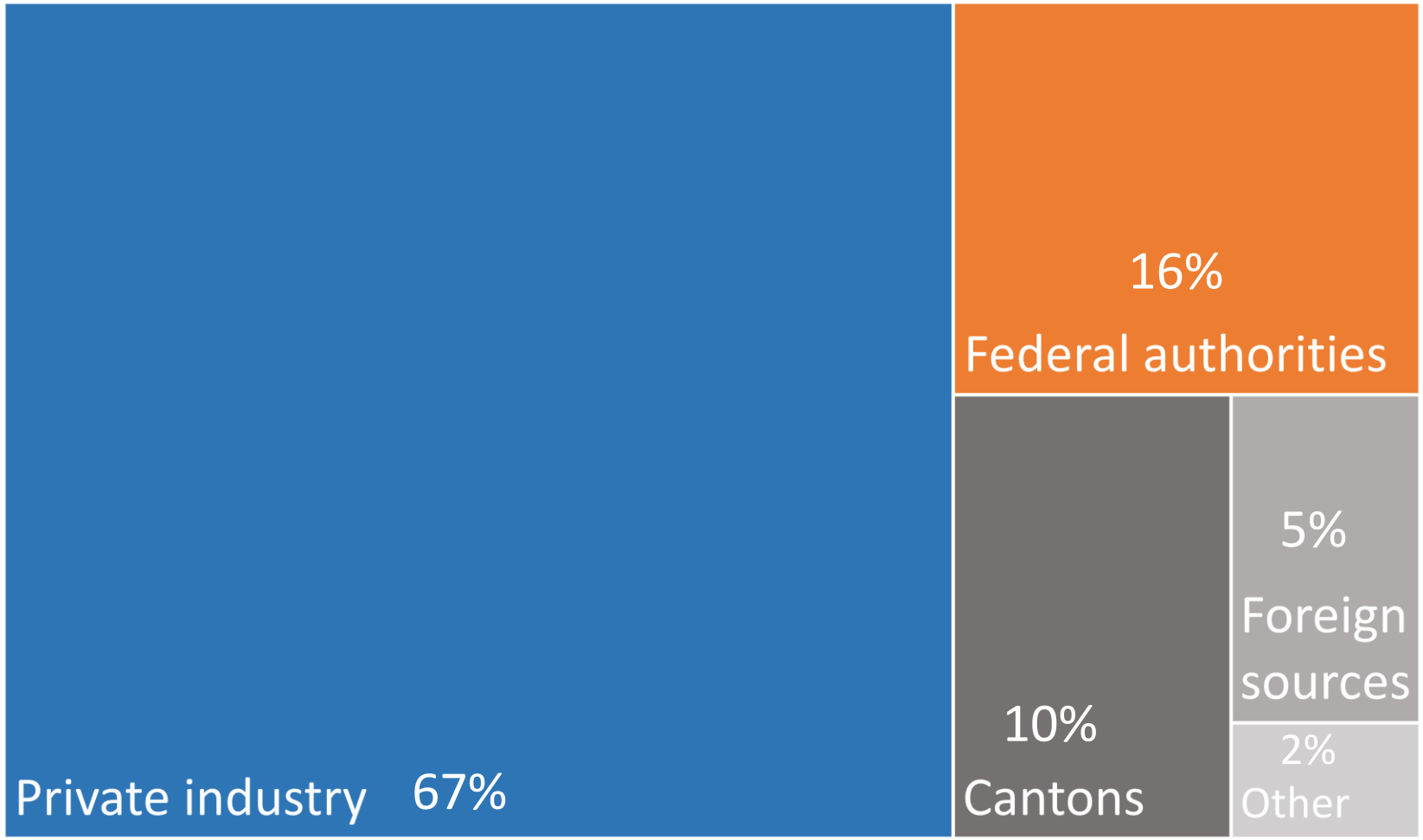


- Humanities and social sciences
- Mathematics, natural and engineering sciences
- Biology and medicine

Total: CHF 1,037 million

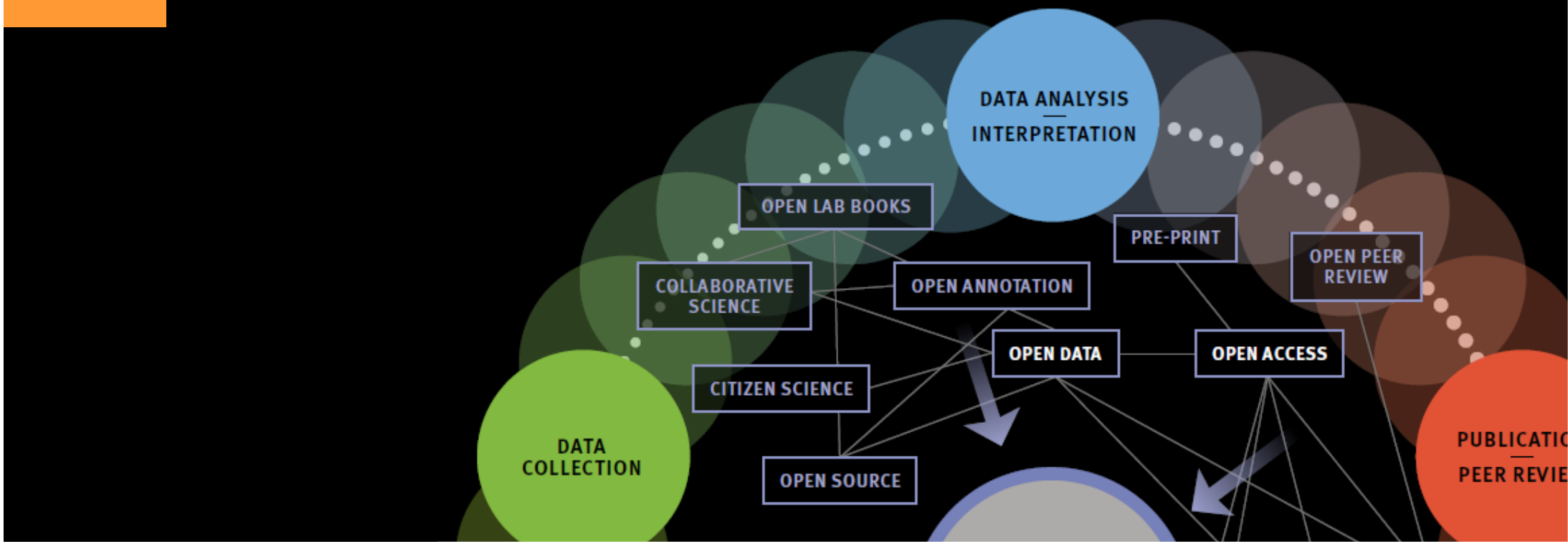
Data 2017

R&D: expenditures by sources of finance in Switzerland



Total:
22.6
CHF billion

Source: FSO. Data: 2017



Open Science at the SNSF

Excellence comprises openness!

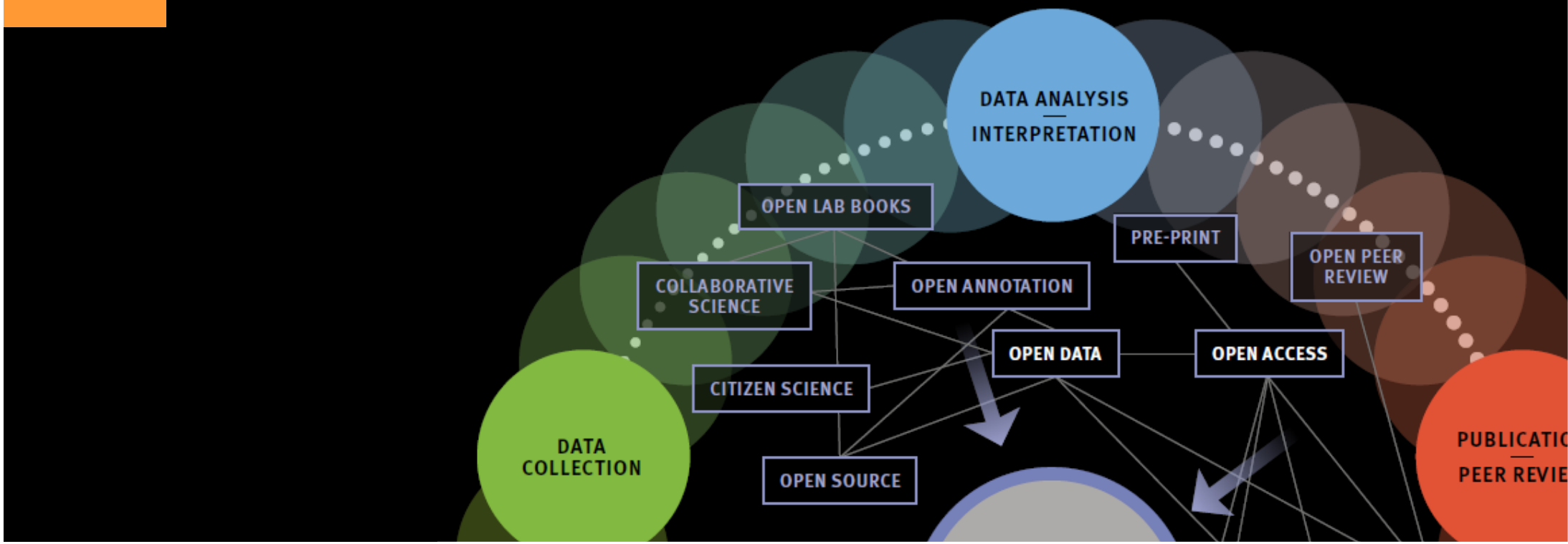
FNSNF
Swiss National Science Foundation

Model of Excellence

Knowledge Gain

Importance	Quality in execution	Value/ contribution
embedded	**open**	enabling
original	collaborative	engaging OR impact-oriented
relevant	rigorous	justified

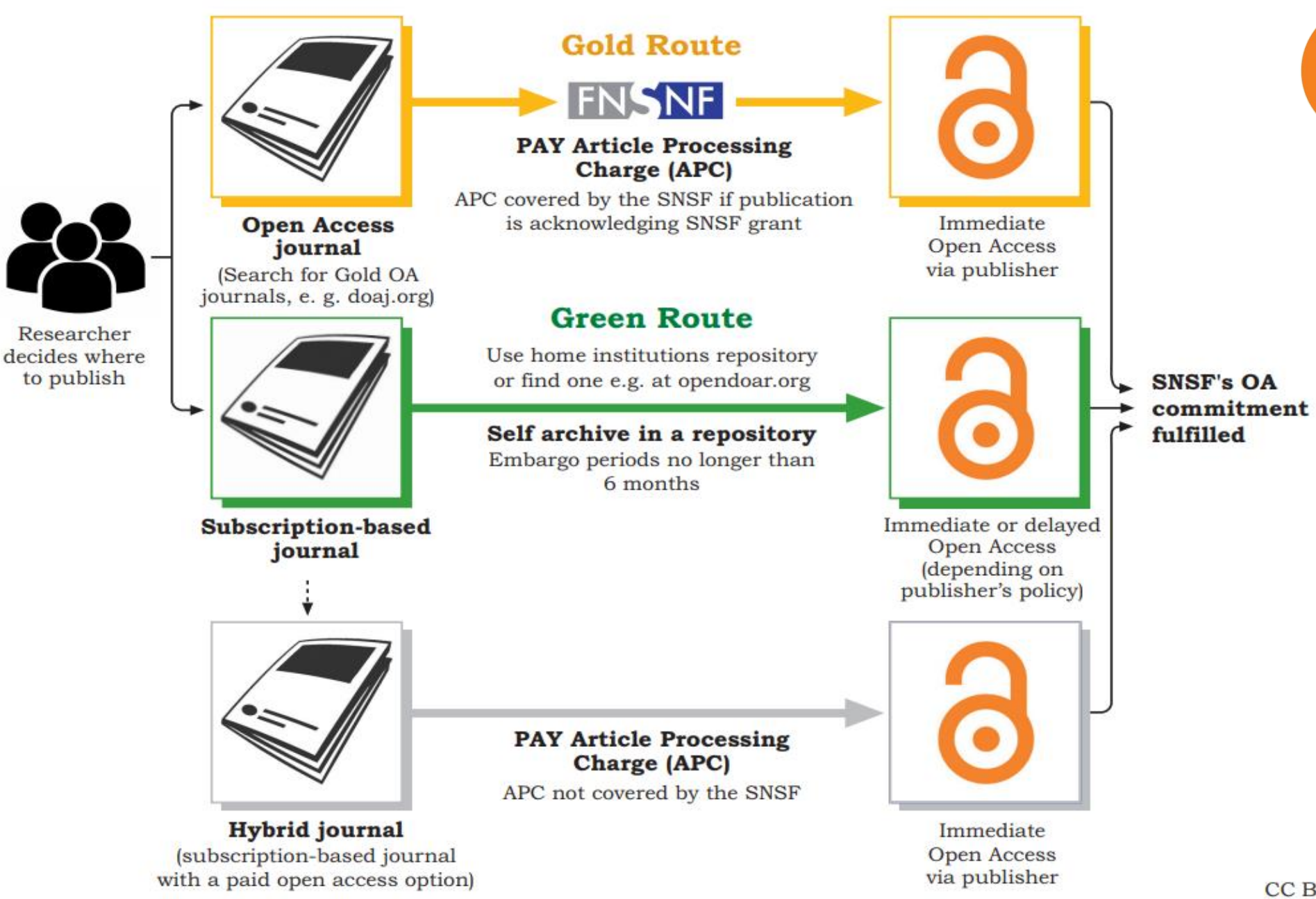
Basics		
acknowledging all contributions	ethical & legal	accurate



Open Access

Excellence comprises openness!

FNSNF
Schweizerischer Nationalfonds
zur Förderung der wissenschaftlichen Forschung


Gold Route
FNSNF
PAY Article Processing Charge (APC)
APC covered by the SNSF if publication is acknowledging SNSF grant
Open Access journal
(Search for Gold OA journals, e. g. doaj.org)
Immediate Open Access via publisher
Researcher decides where to publish
Green Route
Use home institutions repository or find one e.g. at opendoar.org
Self archive in a repository
Embargo periods no longer than 6 months
Subscription-based journal
Immediate or delayed Open Access (depending on publisher's policy)
SNSF's OA commitment fulfilled
PAY Article Processing Charge (APC)
APC not covered by the SNSF
Hybrid journal
(subscription-based journal with a paid open access option)
Immediate Open Access via publisher
OPEN ACCESS
CC BY

OA2020 – 100% Open Access by 2020

Remove reasons *not to publish* in open access

OA Regulations

- **Gold, Green and Hybrid OA** acceptable, no costs eligible for hybrid
- **Green OA** with embargo no longer than 6 (articles) or 12 (books) months

Incentives & Support

- Gold OA funding **independent of running grants**
- **No upper limit for APCs** for the time being

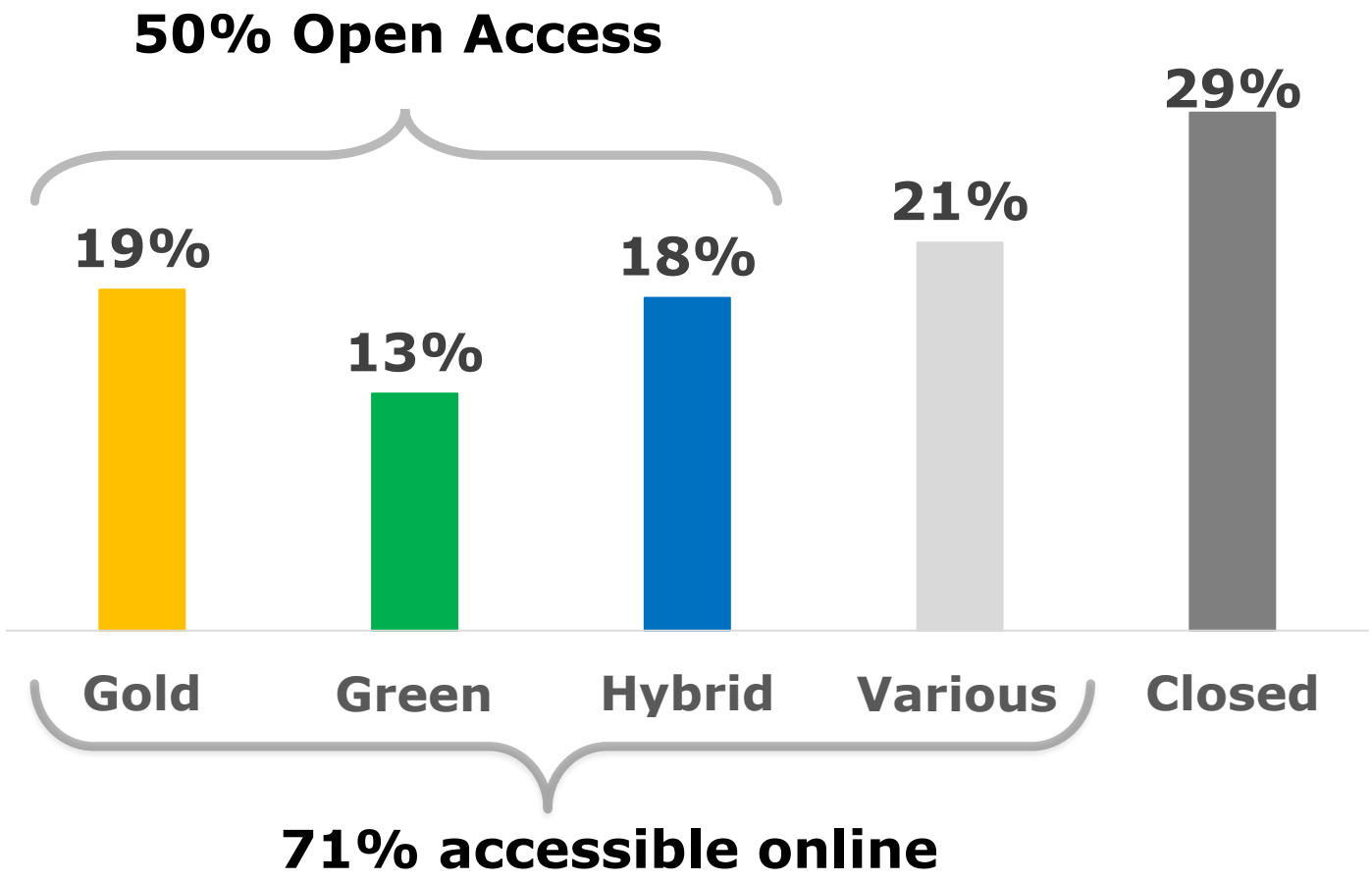
Compliance & Controlling

- Systematic **monitoring of OA compliance**
- Automated **feedback to grant holders**

Communication

- **Active communication** of the OA policy to researchers, in mySNF and on the SNSF website (https://oa100.snf.ch/)
- **OA Ambassadors**

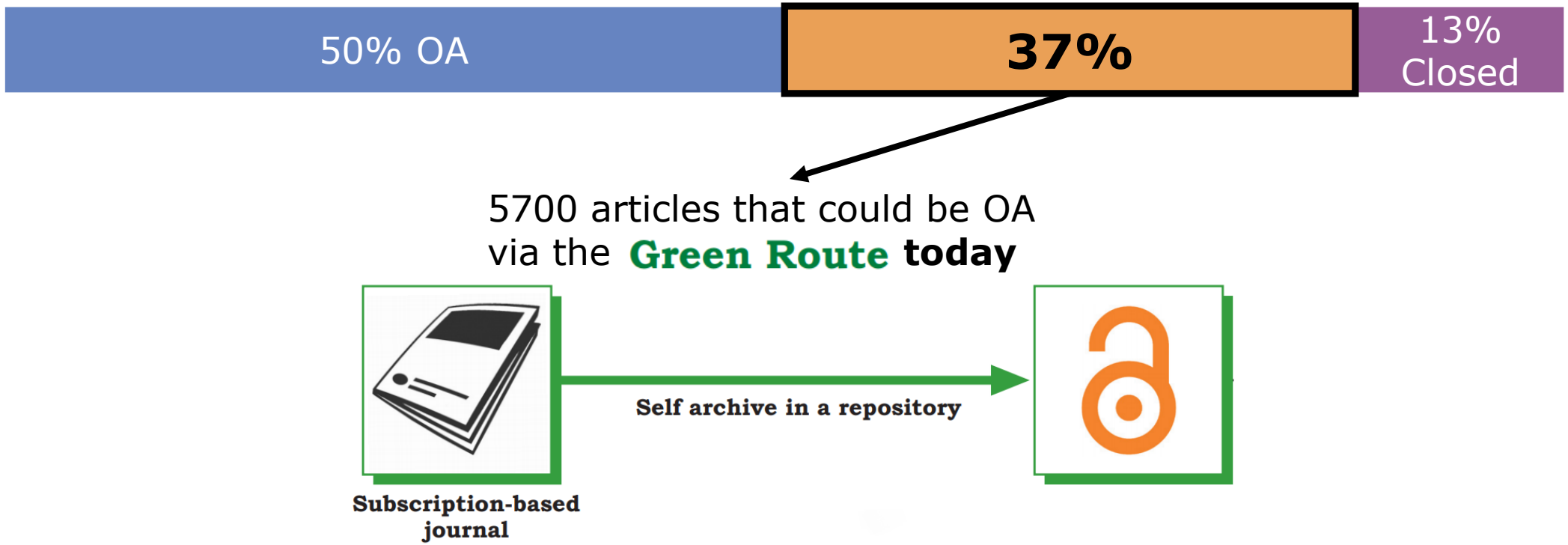
Open Access Monitoring 2019



All publications on P3 published from 2014 to 2019

If everyone who could took the green road

Articles 2016 – 2019, n = 15442



Best option: Institutional repository!

BORIS Bern Open Repository and Information System

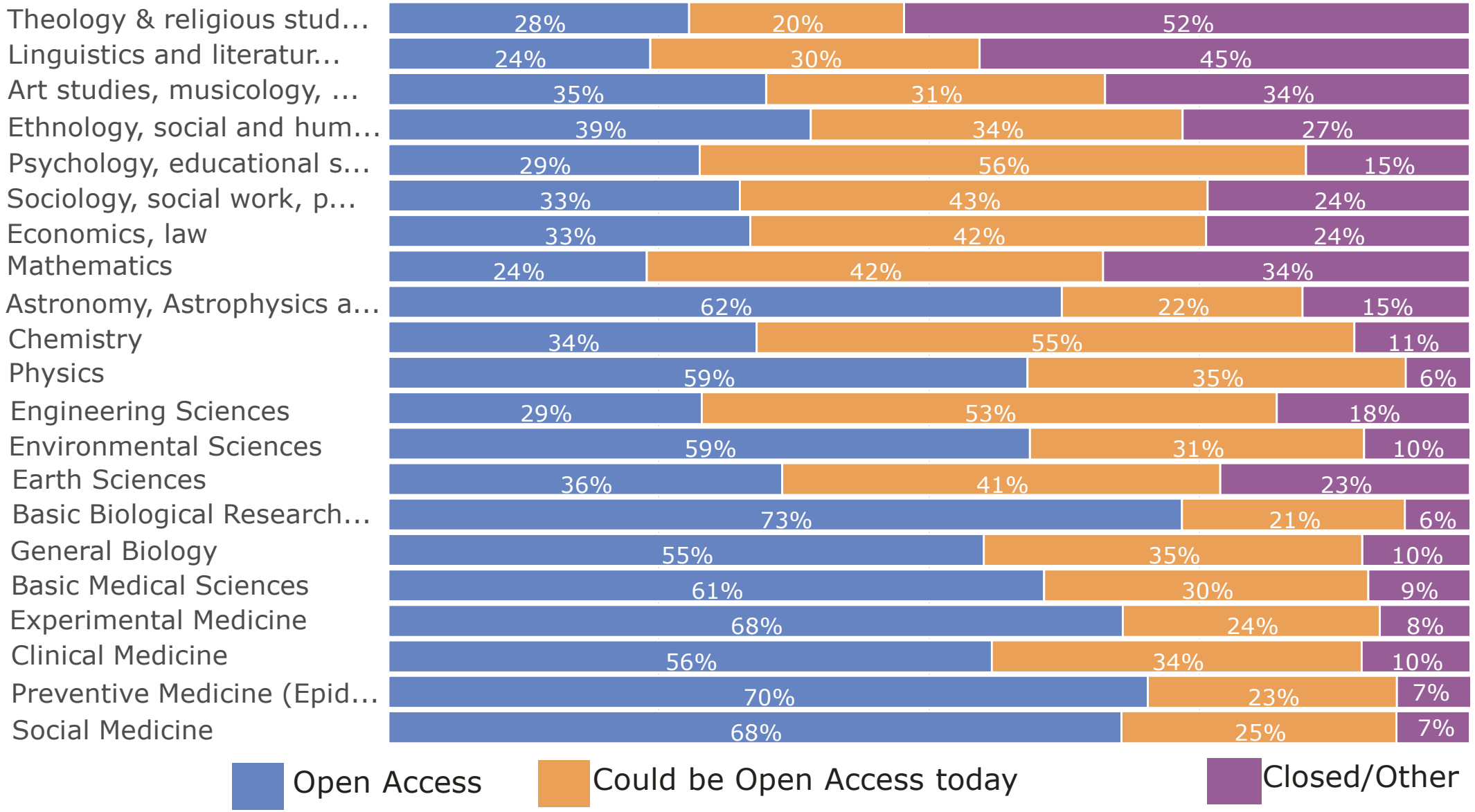
UNIVERSITÉ DE GENÈVE Archive ouverte UNIGE

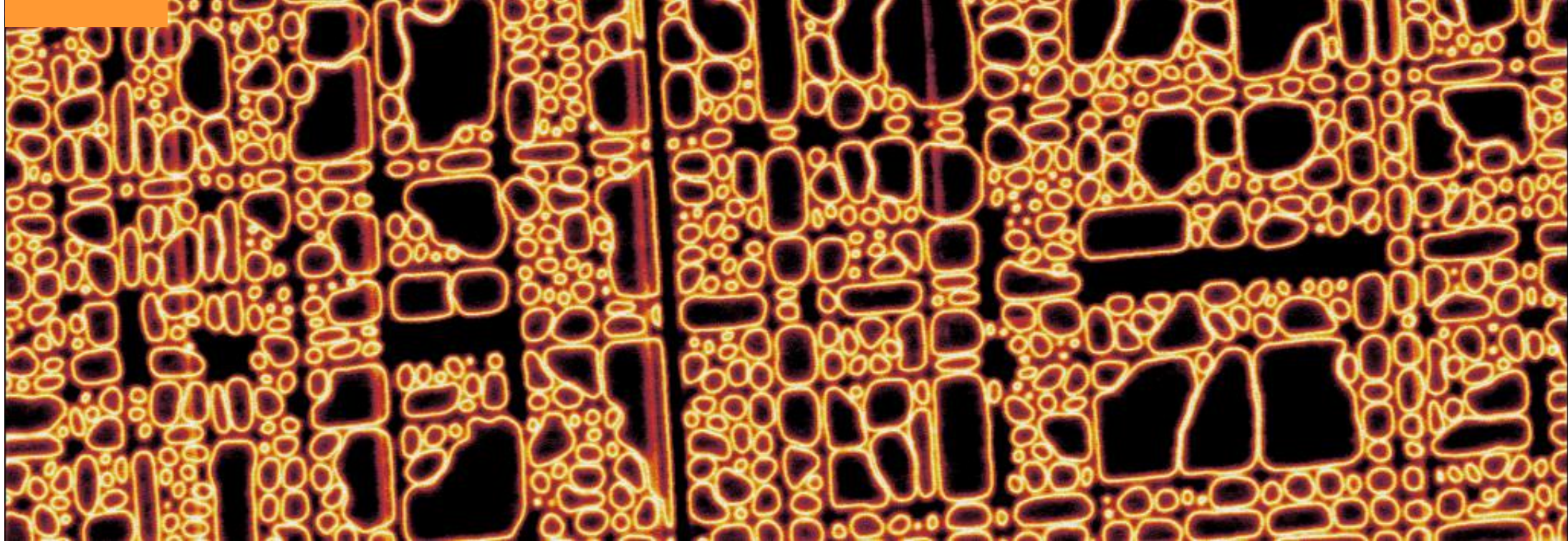
EPFL Infoscience EPFL scientific publications

ETH zürich Research Collection

Unil UNIL | Université de Lausanne SERVAL serveur académique lausannois

and more…


Theology & religious stud... 28% 20% 52%
Linguistics and literatur... 24% 30% 45%
Art studies, musicology, ... 35% 31% 34%
Ethnology, social and hum... 39% 34% 27%
Psychology, educational s... 29% 56% 15%
Sociology, social work, p... 33% 43% 24%
Economics, law 33% 42% 24%
Mathematics 24% 42% 34%
Astronomy, Astrophysics a... 62% 22% 15%
Chemistry 34% 55% 11%
Physics 59% 35% 6%
Engineering Sciences 29% 53% 18%
Environmental Sciences 59% 31% 10%
Earth Sciences 36% 41% 23%
Basic Biological Research... 73% 21% 6%
General Biology 55% 35% 10%
Basic Medical Sciences 61% 30% 9%
Experimental Medicine 68% 24% 8%
Clinical Medicine 56% 34% 10%
Preventive Medicine (Epid... 70% 23% 7%
Social Medicine 68% 25% 7%
Open Access
Could be Open Access today
Closed/Other



Open Research Data

FNSNF
Swiss National Science Foundation

The SNSF Open Research Data (ORD) Policy

The SNSF values research data sharing as a fundamental contribution to the **impact**, **transparency** and **reproducibility** of scientific research. In addition to being carefully curated and stored, the SNSF believes research data should be shared as openly as possible.

- **Data Management Plans** (DMPs) as **formal requirement** at project submission
- SNF **supports the costs of data preparation and data upload** if the research data is deposited in recognised data repositories that are non commercial and that fulfil the FAIR data principles
- **Financial support** for the organization of **workshops** on the subject of ORD

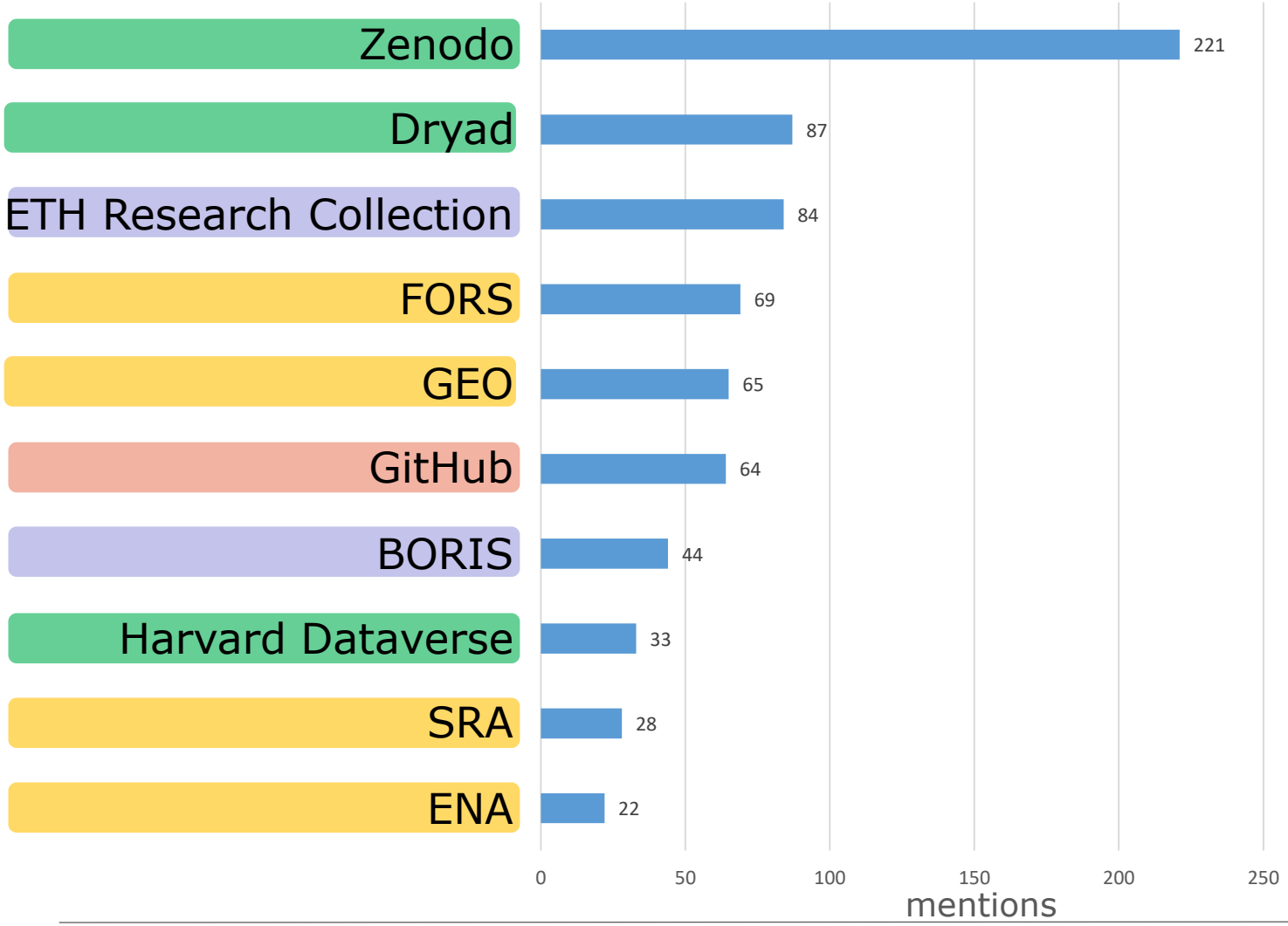
First experiences with DMPs
SNSF Monitoring Report on ORD Policy

Researchers mention a large number and diversity of repositories

- Many researchers intend to share data on general repositories
- Repositories mentioned most frequently multinational
- Many repositories still in development; not always possible to assess FAIRness
- Conference grants to support events that focus on ORD almost not used

Link to SNSF Monitoring Report
https://zenodo.org/record/3618123#.XmEsdqhKg2y

ORD – Repositories Top 10 – toutes disciplines

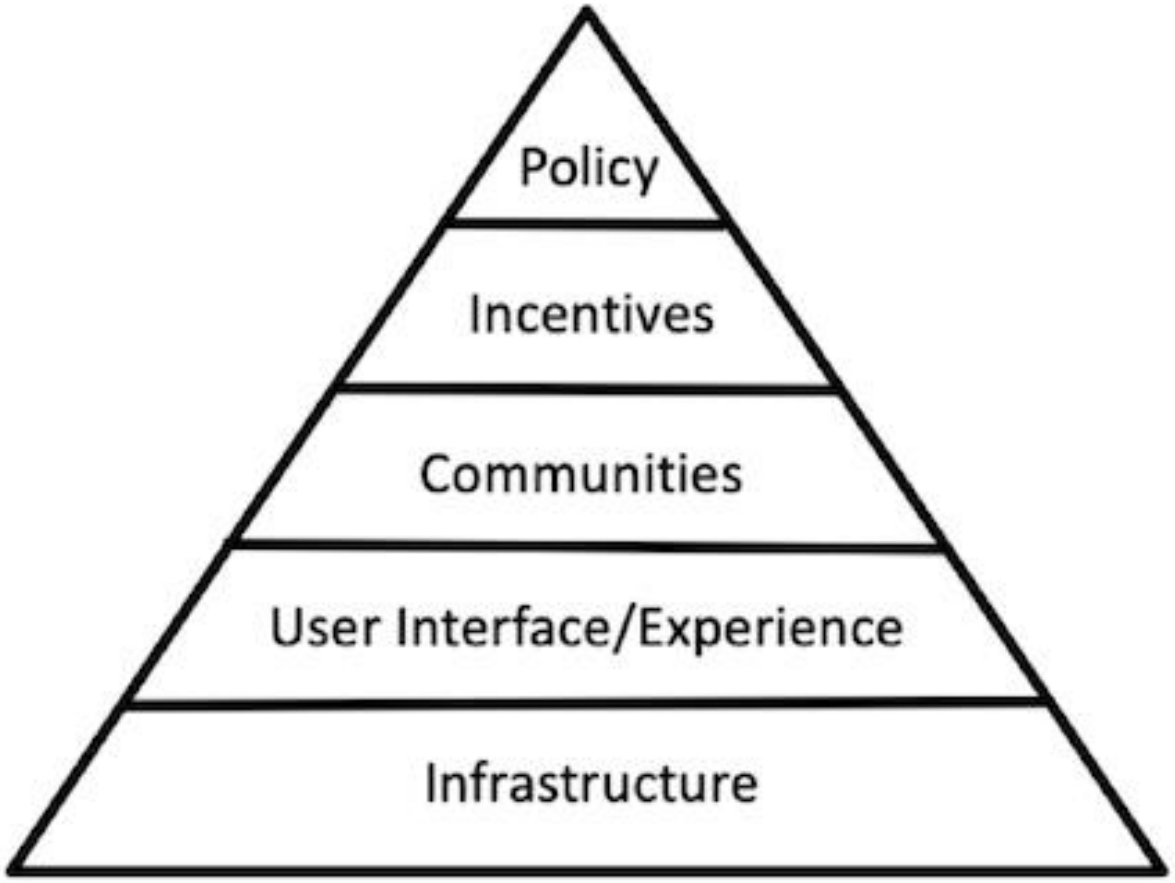


légende
BORIS: Bern Open Repository and Information System
ENA: European Nucleotide Archive (NCBI Repository)
FORS: FORSbase
GEO: Gene Expression Omnibus
SRA: Sequence Read Archive (NCBI Repository)

- général
- spécifique à une discipline
- institutionnel
- code

Cultural Change

How to achieve cultural change?



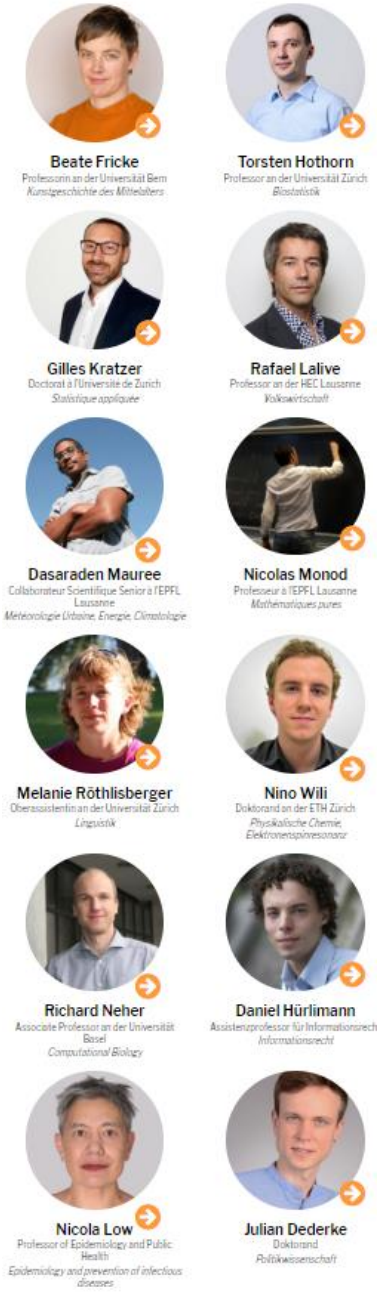
Brian Nosek

Signatory of DORA

Europe PMC

FORS
explore.understand.share.

Data & Service Center for the Humanities DaSCH



National and international cooperation is key

- Contribute to Swiss national open research data strategy
- Search for pragmatic solutions in cross-border cooperation
- Participate in Science Europe activities
- Follow and contribute to discussions on EOSC
- Contribute to international efforts to reform research assessment