

# Open Science Strategic Perspectives in the HES-SO Context

**Hes·SO**

Haute Ecole Spécialisée  
de Suisse occidentale

Fachhochschule Westschweiz

University of Applied Sciences and Arts  
Western Switzerland

*A Multidimensional Approach to Open Science Practices*

**Christine Pirinoli**

**Vice-Rector Research and Innovation HES-SO**

**Swiss Research Data Day, 12 June 2018**



# Research within 6 faculties, but 6 cantons and 28 schools

- **Design and Fine Arts**
- **Business, Management and Services**
- **Engineering and Architecture**
- **Music and Performing Arts**
- **Health**
- **Social Work**



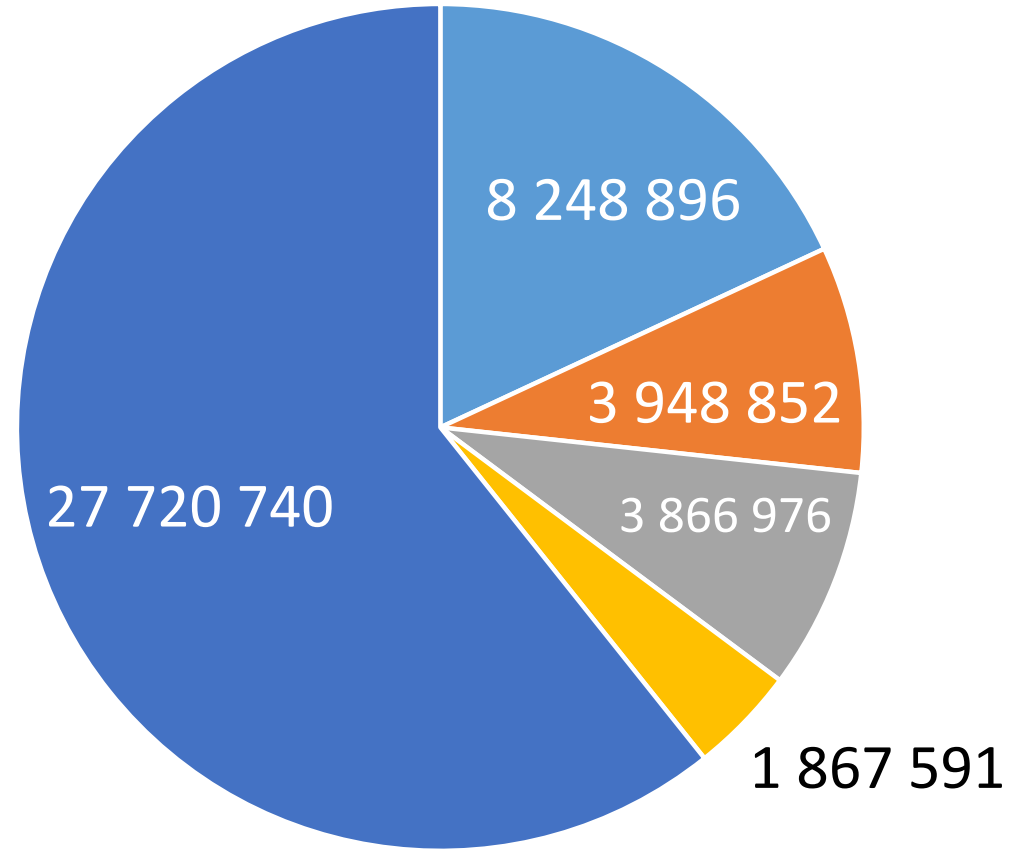
- More than 20'000 students and 10'000 staff (3000 FTE)
- 46 Bachelor and 22 Master

# Research at HES-SO

- Use-inspired basic research and applied research
  - Pragmatic approach, technically and scientifically anchored in practice
  - Research projects and regional environments are closely linked;
  - Carried out in collaboration with partners from the field (including: companies, health and social institutions, cultural and artistic actors, etc.

# Financing Research : 2016

SFr 45'653'045  
(± 20% of total activity)



■ CTI grants

■ FNS Grants

■ Confederation : other grants

■ EU and intern. Grants

■ other products

# Open Sciences particular challenges

- **Decentralised organisation : 28 schools, i.e. libraries**

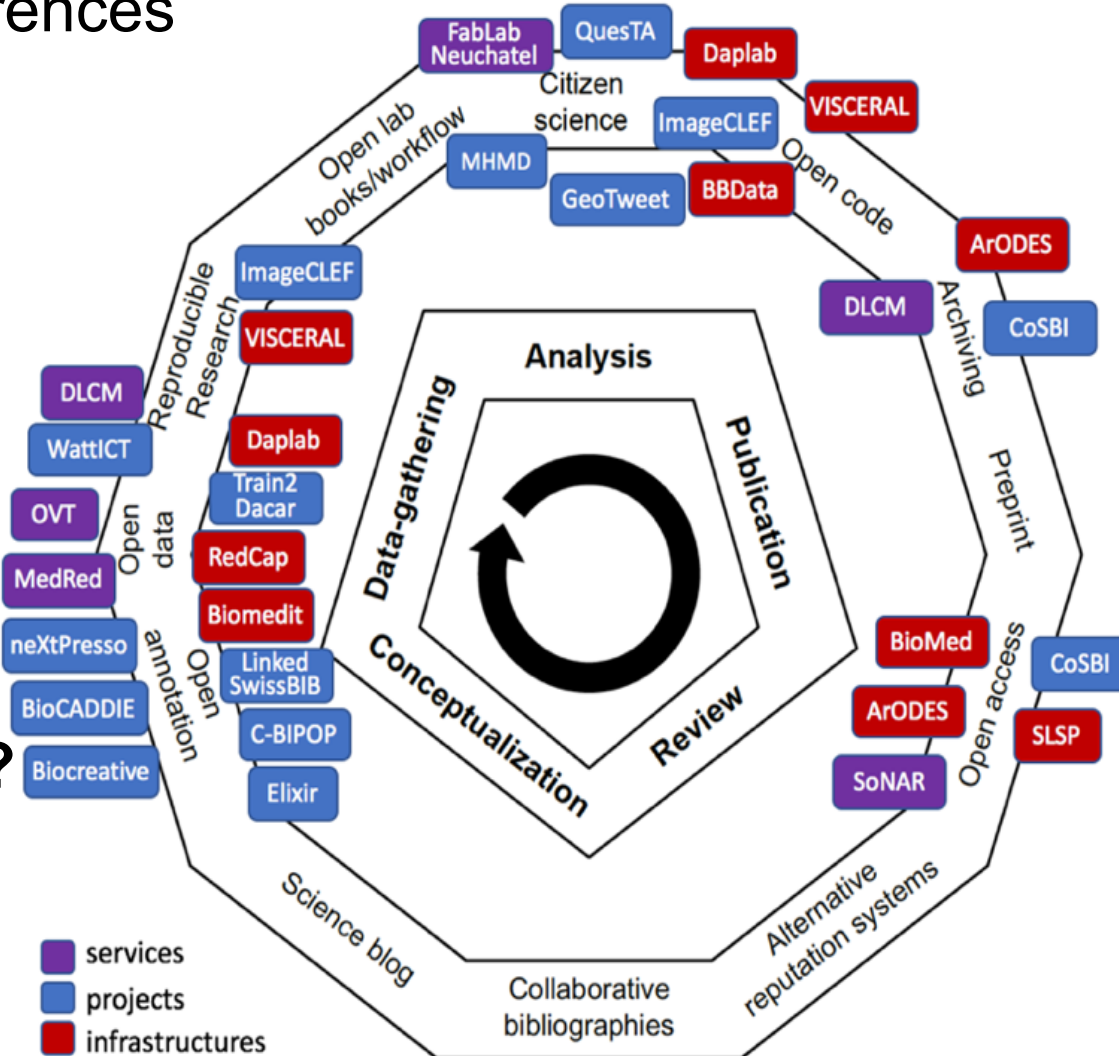
- Structural, organisational and “cultural” differences
- Coordination and coherent strategy
- Financial dimension

- **Research anchored in practice**

- Open ? Patent ? start-up ?
- Collaboration with practice ?

- **Scientific practices : a change of paradigm?**

- Researcher socialisation : CV, fundings
- Structure of Higher education employment



How open are we / can we be ?

How to solve the tension between academic and economic dimension ?

Between cultural and structural dimensions ?



<https://www.silicon.fr/tag/dan-teodosiu/>



Collaborative science

Open Innovation

Open Data

Open Source

Open access

Traditional science



<https://entreprise.api.gouv.fr/>