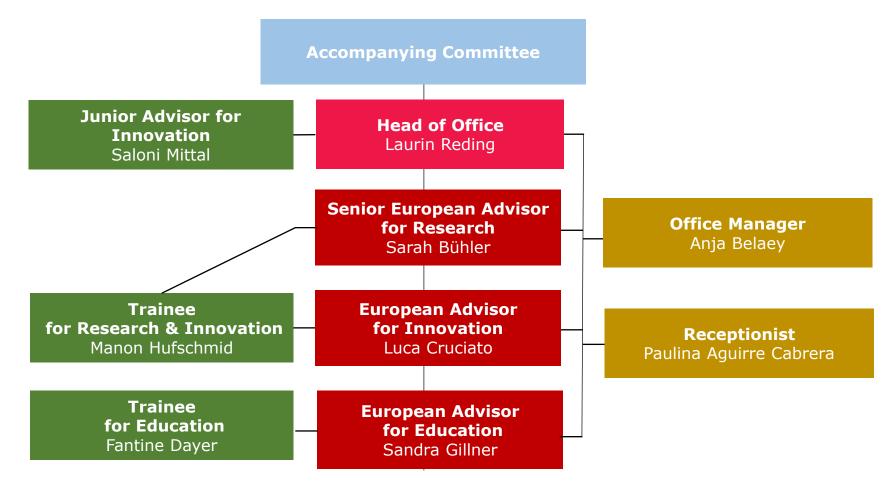




# PART I SwissCore and beyond



### SwissCore Team







## Euresearch

- > NCP Network Office in Switzerland.
- ➤ Euresearch Network: 10 Regional offices at research institutions in Switzerland.





# Swiss State Secretariat for Education, Research and Innovation (SERI)

- ➤ Provide <u>regular updates</u> on the association of Switzerland.
- ➤ Q&A about Switzerland's participation in R&I Programmes.





# PART II Strategy of Swiss ERI domain





## Strategic priorities 2025-2028

- Education, Research and Innovation (ERI) <u>Dispatch</u> of 2025-2028 with transversal objectives:
  - Digitalization
  - Sustainability
  - Equal opportunities
  - National and international cooperation.
- Bottom-up approach, excellence in research and international innovation systems.





# International cooperation of ERI domain

- > Association to EU framework **programmes** in **ERI domain**.
- Participation in other programmes, research infrastructures, networks and in initiatives:
  - European Space Agency (ESA)
  - Organization for Nuclear Research (CERN)
  - EUREKA initiative (network for innovation)
  - European Molecular Biology Laboratory (EMBL).





## Swissnex – worldwide Swiss network of ERI domain



Swissnex: in six regions, with more than 20 science counselors at Swiss missions abroad.



Source: swissnex (2025)



# Leading Houses and Bilateral agreements

- ➤ Leading House pilot activities: Mandated higher education institutions for bilateral cooperation.
- ➤ Bilateral agreements & MOUs: Cooperation in selected regions with potential for scientific and technological development.





# PART III Current status quo of Swiss association





# Programmes for CH association

### The package on programmes of the ERI domain:

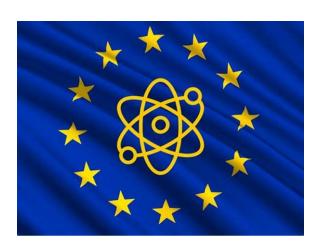
- > Horizon Europe
- > Euratom
- > ITER
- Digital Europe
- > Erasmus+







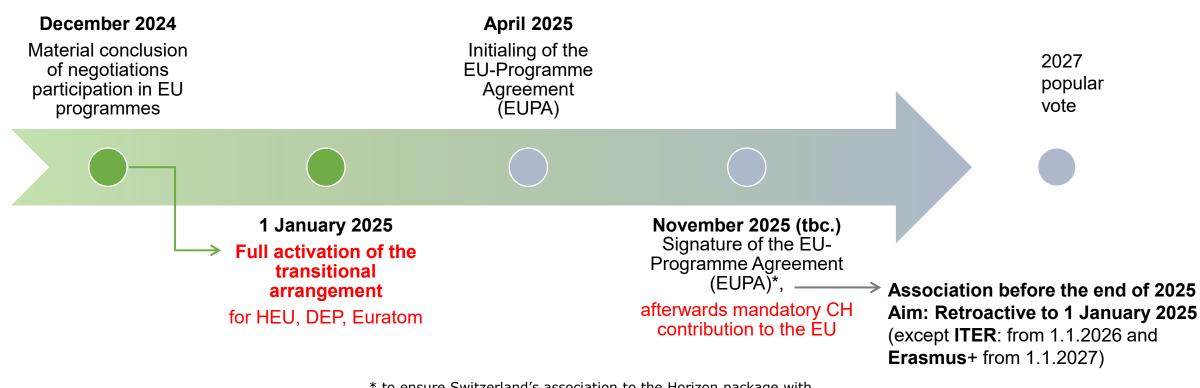






# Timeline to formal association in Horizon Europe

#### Association to the 2021–2027 Horizon Package (HEU, Euratom, DEP): Timeline Political Process



<sup>\*</sup> to ensure Switzerland's association to the Horizon package with retroactive effect from 1 January 2025, the EU Programme Agreement (EUPA) – a component of the overall package – must be signed this year.





## What does this mean for Researchers & Innovators?

- ➤ The **transitional agreement** allows for the participation of Swiss entities as "**Beneficaries**" with some exceptions in strategic areas (HEU WP 2025: **space** is still to be clarified, DEP: **semiconductors** + **cybersecurity**).
- ➤ Only mantained if **Association Agreement** is concluded before **signature of grant agreement**.
- > Budgets are included in the total amount of project funding requested.
- > Coordination of consortiums is possible.
- ➤ More information is available in the <u>Q&A</u> document of SERI.



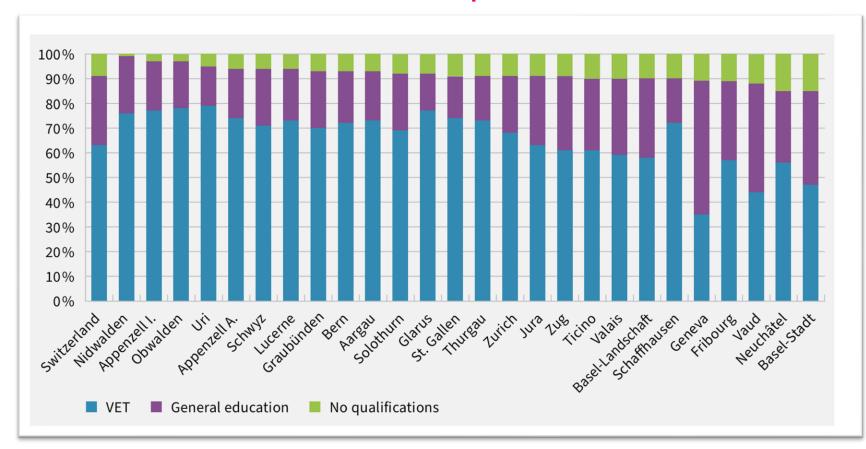


# PART IV Swiss Research and Innovation System





## Swiss education landscape



#### National level:

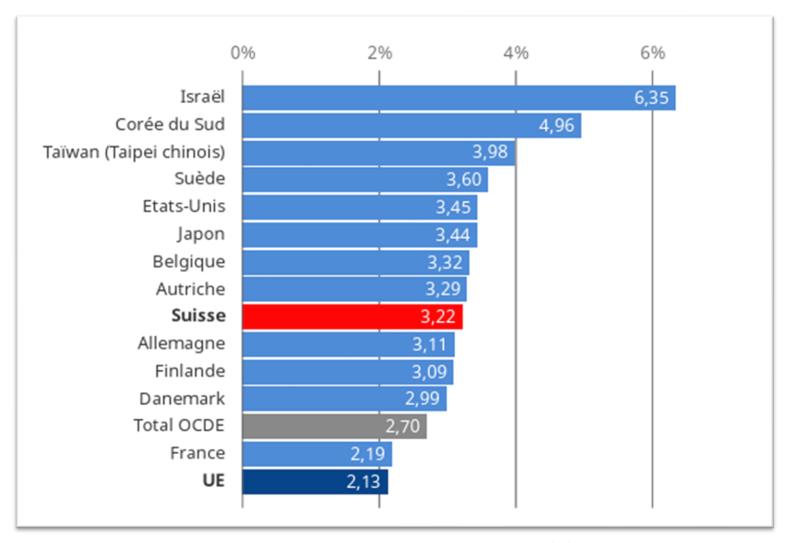
- > 63% dual VET
- > 28% general education

Source: FSO (2021)



## GDP Investment in R&D



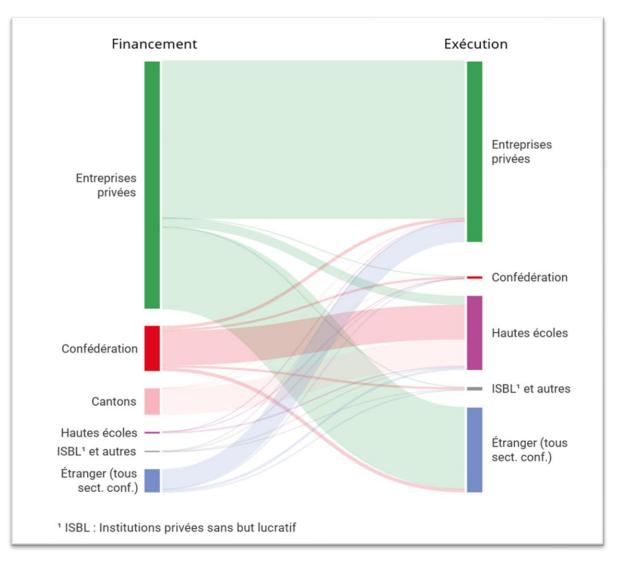




Source: Office fédéral de la statistique,Recherche et développement en Suisse 2023 report

# Sources of Swiss R&D funding



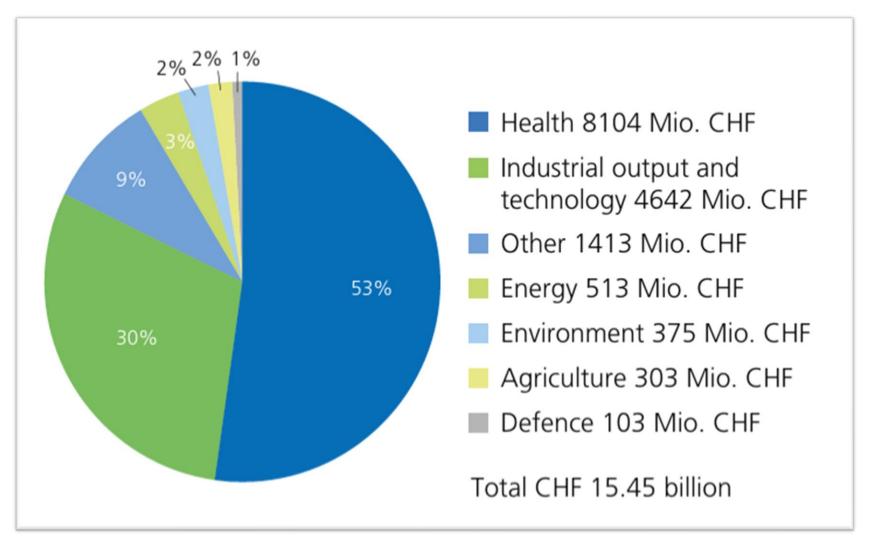




Source: Office fédéral de la statistique, Recherche et développement en Suisse 2023 report

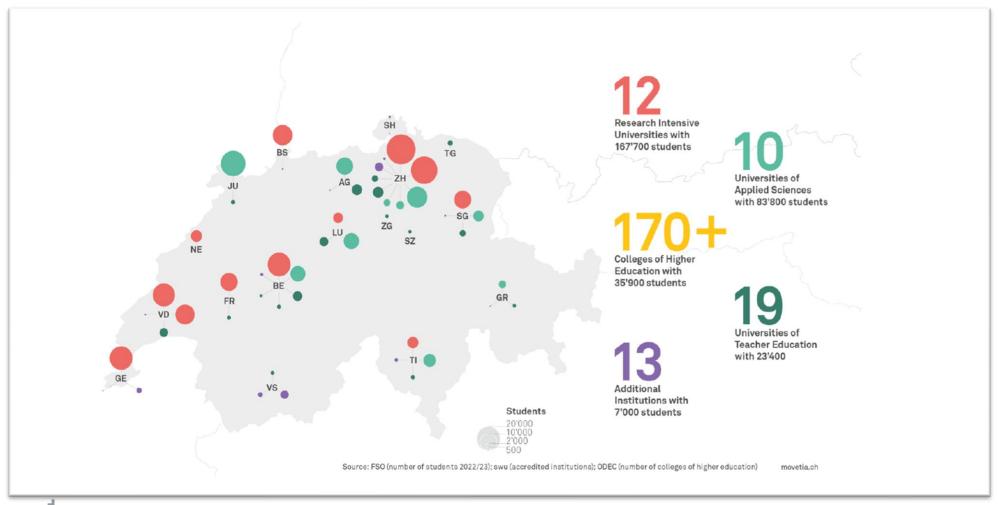
## Business enterprise expenditure on R&D in Switzerland by objective







# Swiss higher education landscape





## European Universities Alliances with CH partners - Swiss funding







# Federal Institutes of Technology (ETH) Domain

- > ETH Zurich and EPFL are universities specialized in engineering and natural sciences.
- > Four Research Institutes (video on 4 Research Institutes):
- Paul Scherrer Institute (PSI)
- Swiss Federal Institute for Forest, Snow and Landscape Research (WSL)
- Swiss Federal Laboratories for Materials Testing and Research (Empa)
- Swiss Federal Institute of Aquatic Science and Technology (Eawag).





### Swiss National Science Foundation

- > Swiss funding agency for bottom-up basic and applied research, but with some top-down approaches:
  - National Research Programmes (<u>NRPSs</u>): thematic, policy-relevant research (e.g., biodiversity, digital transformation)
  - National Centres of Competence in Research (<u>NCCRs</u>): long-term excellence centers (e.g., antibiotic-resistance, quantum).
- Some cooperation opportunities:
  - EU Cooperation in Science and Technology(<u>COST</u>)
  - <u>Second CH contribution</u> to selected EU Member States: PROMYS, Multilateral Call MAPs, SCIEX)
  - WEAVE / Lead Agency
  - Scientific Exchanges
  - <u>European Partnerships</u> and other multilateral initiatives
  - <u>Bilateral calls</u>.







### **Innosuisse**

- > Swiss innovation agency, with a bottom-up approach, but with some top-down priorities for specific instruments:
- <u>Flagship initiative</u>: Industry (SMEs and startups) and higher education institutions to address economic and societal challenges.
- > Some collaboration opportunities:
- EUROSTARS
- EUREKA
- Co-funded European Partnerships
- Bilateral calls.





# European Partnerships







Innosuisse
Swiss Innovation Agency



















# Switzerland's membership in ERICs

- > ACTRIS ERIC
- > BBMRI ERIC
- > CESSDA ERIC
- > CLARIN ERIC
- > DARIAH ERIC
- > ECRIN ERIC
- > EPOS ERIC
- ➤ ESSurvey ERIC
- > ICOS ERIC

