



# Roles, functions and positioning of universities of technology

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Rector

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of European Universities of Technology, TU Wien

# Five Impact Areas of ETH Zurich

## The Fundamentals

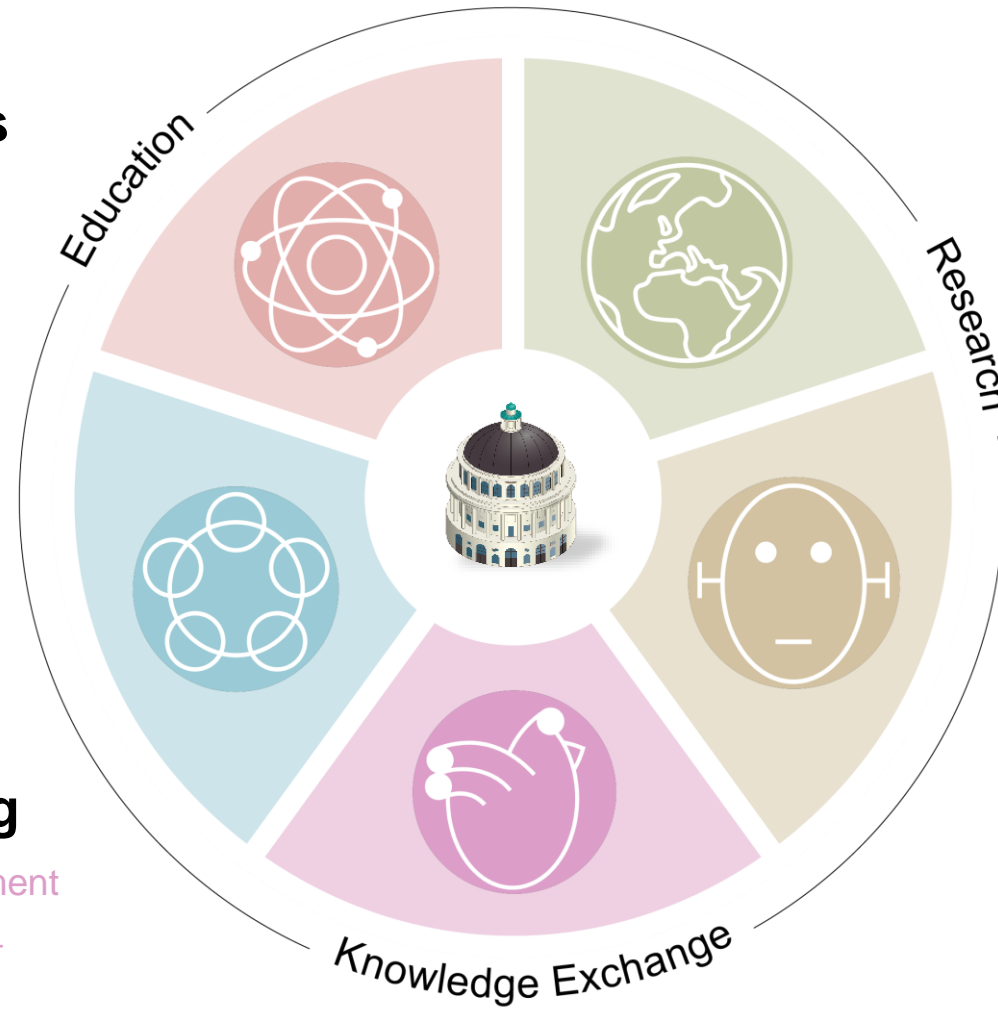
basic research – education  
– organisation

## Dialogue with Society

policy engagement –  
industry – citizen

## Health & Wellbeing

predictive medicine & treatment  
– physical & mental health –  
rehabilitation & life style



## Global Challenges Solutions

climate & biodiversity – energy  
& resources – space & mobility  
– security & development

## Responsible digital Transformations

big data & AI – quantum technologies –  
cyber-physical systems – information  
security & resilience

# ETH Zurich in figures – students

headcount  
(rounded)

**24,530**  
students

**33.3%**  
women

of which **675**  
MAS/MBA students  
(incl. teaching diploma)



from **120**  
countries



**37%**  
international students

16% of Bachelor's students  
42% of Master's students  
74% of doctoral students

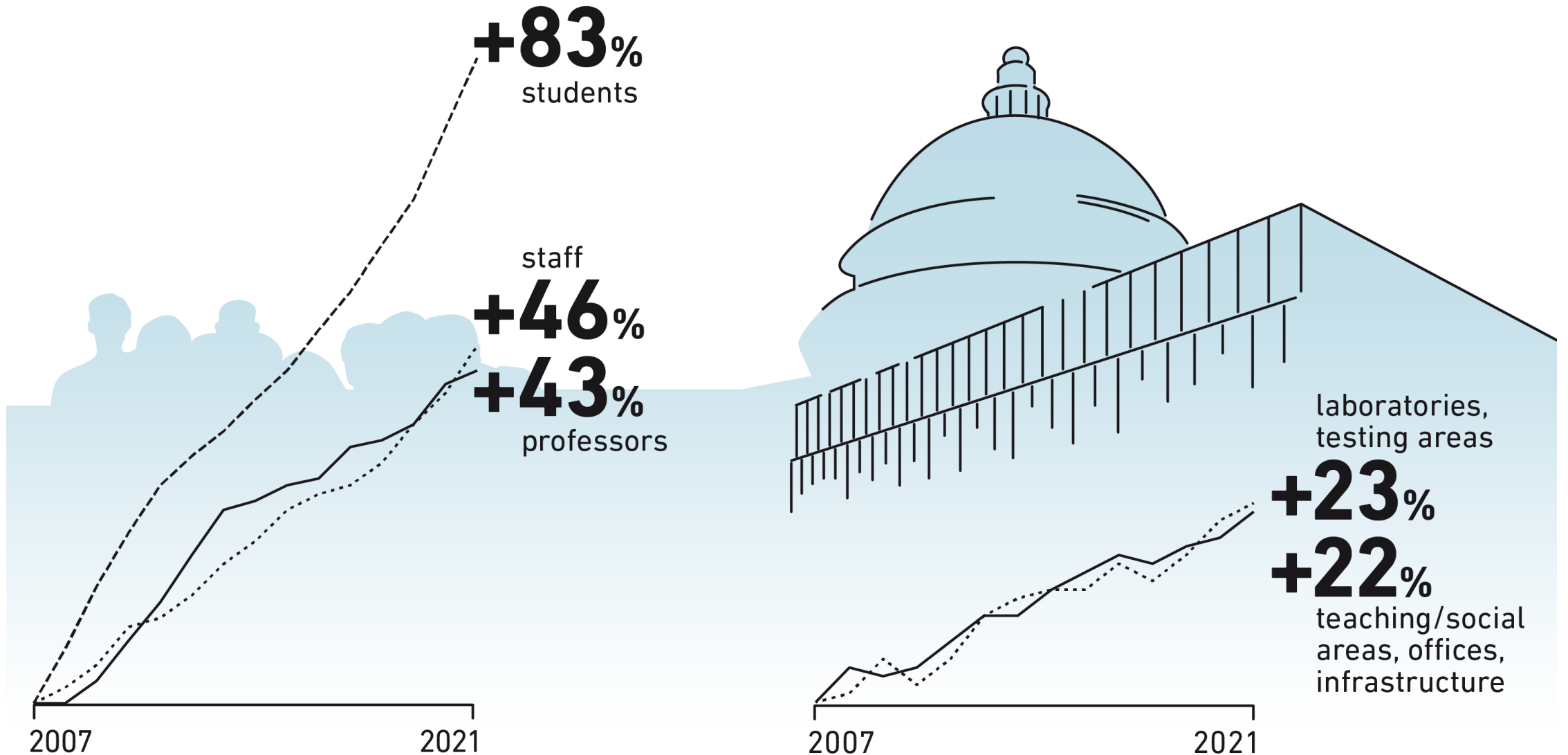


of which

**4,460**

doctoral students

# Success and growth as challenge



# ETH's role as a university of technology and natural sciences: «Paving the way in a complex world.»

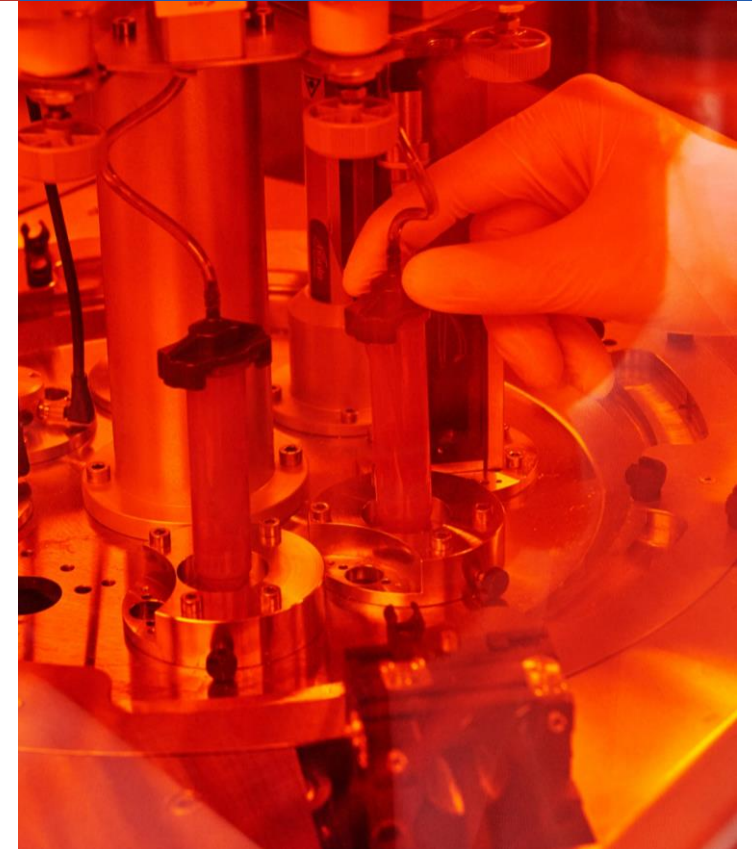
Next generation of critical and creative thinkers



Knowledge and technologies for the future



Finding answers to the questions of our time with our partners



# The university's trifold mission at ETH Zürich

## Transfer of knowledge & technology

- ETH Graduates
- Cooperation
- Start-ups / Spin-offs
- Science for policy
- Continuing Education

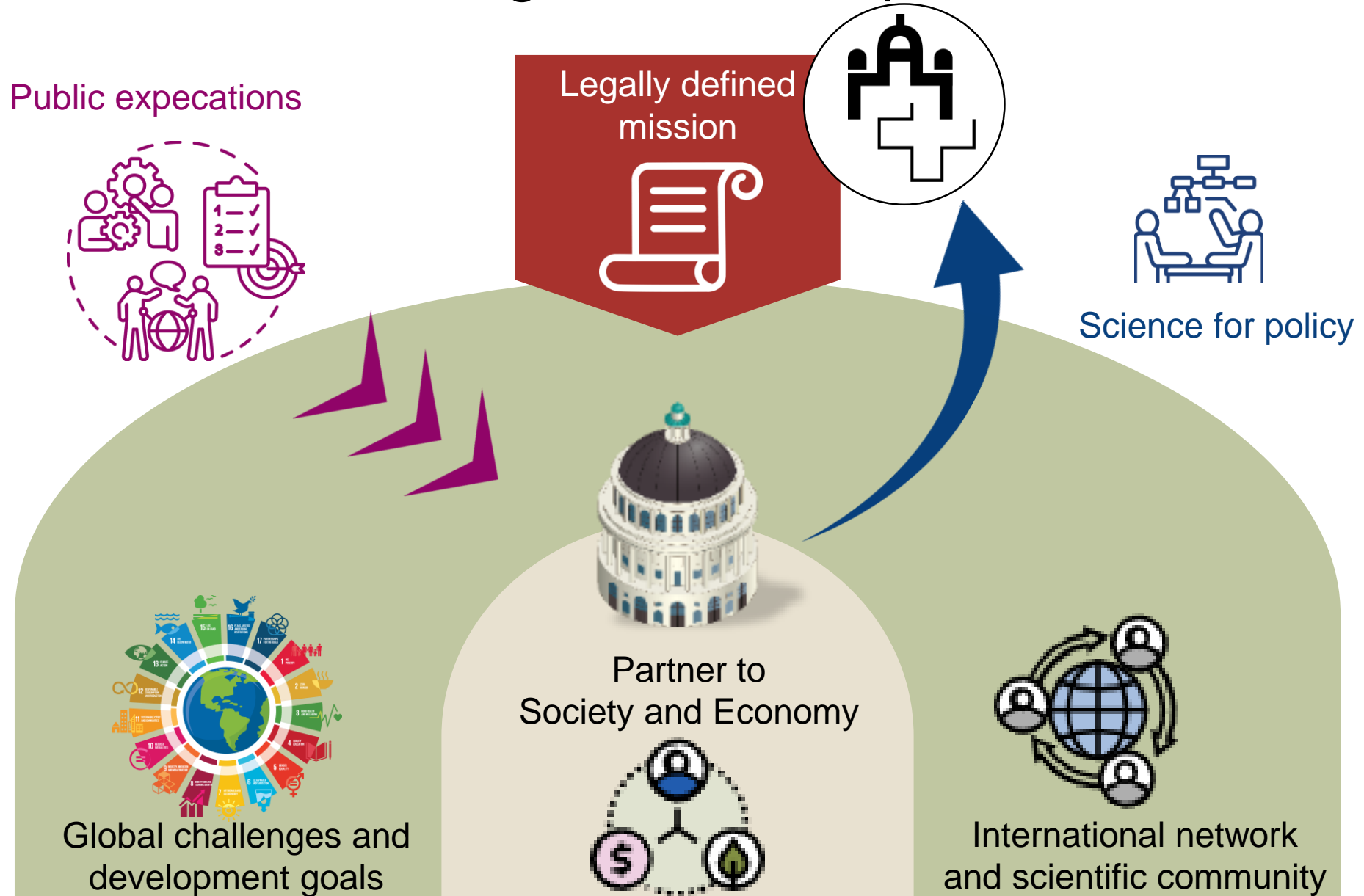
## Research

- Fundamental research
- «Big» topics & global challenges:
  - Sustainability
  - Security and development
  - Digital transformation

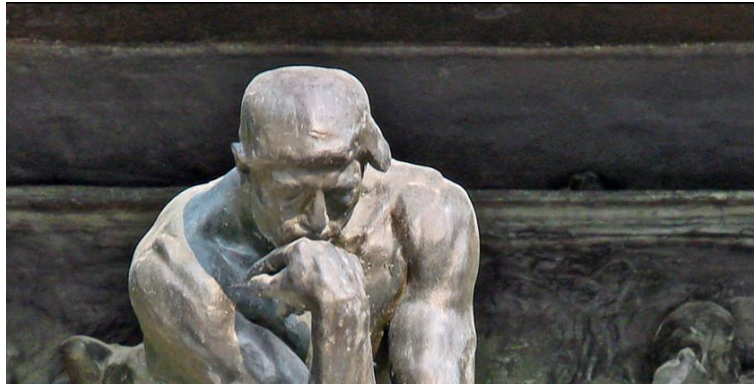
## Education

- Future leaders
- Problem solving
- Interdisciplinarity
- Commitment to Lifelong Learning

# National mission within global interdependencies



# Success factors under pressure



**European Values**



**Autonomy**

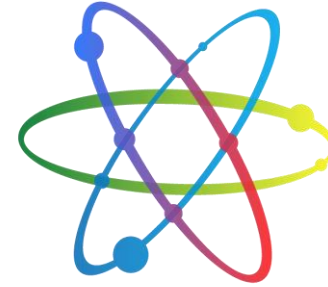


**Openness**



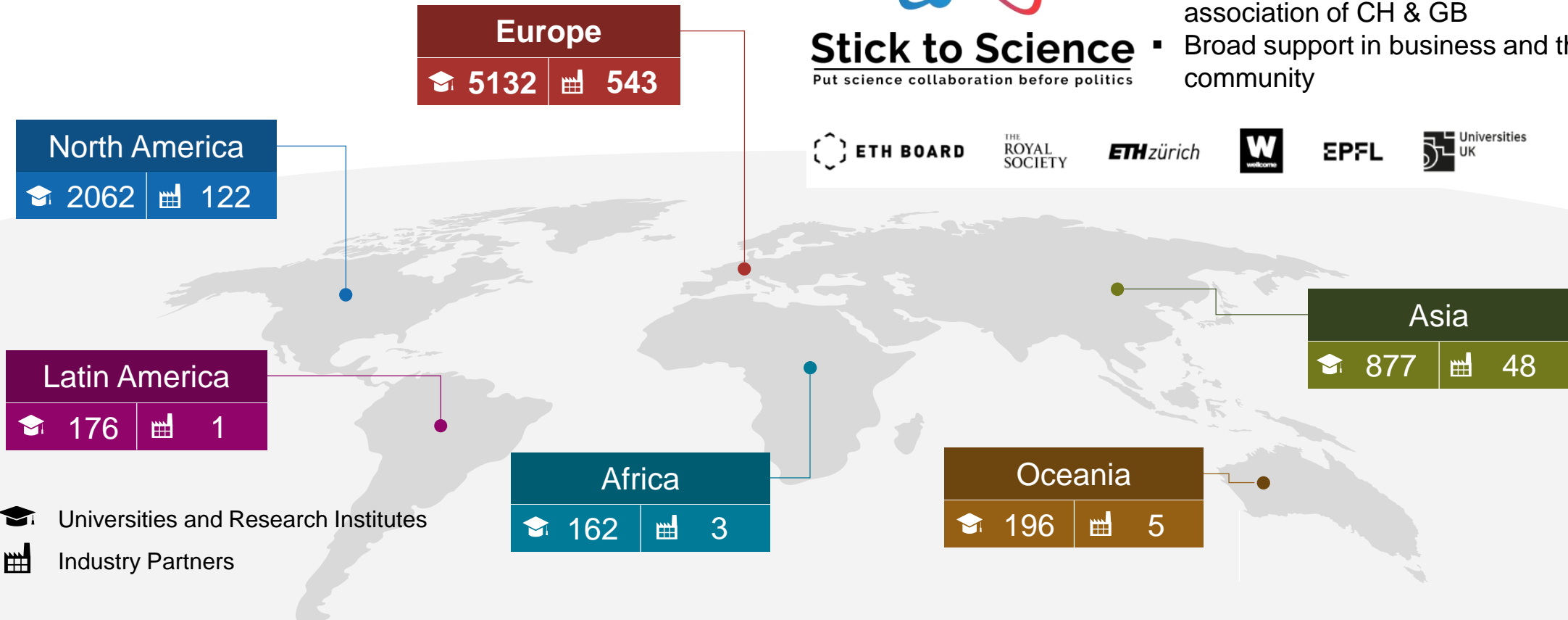




# 9000 research contacts worldwide – still Europe’s “Sorgenkind”



**Stick to Science**  
Put science collaboration before politics

- Since 06.2021: CH and GB treated as non-associated third countries in the EU-FRP (Horizon Europe, Digital Europe, ITER) lose-lose situation for CH, GB & Europe
- 02.2022: Campaign launched for full association of CH & GB
- Broad support in business and the scientific community



 Universities and Research Institutes  
 Industry Partners

# Positioning of ETH Zürich

