

7th International Skills Forum

Anticipating and Preparing for Emerging Skills and Jobs

12–14 December 2017
Asian Development Bank
Manila, Philippines

The Swiss Model of Partnership in Higher Education

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Indicators	Switzerland	Philippines	ASEAN
Surface area (km ²)	41,280	300,000	4,490,212
Population (million)	8.5	103	634
GDP (billion USD)	660	311	2,559
GDP per capita (USD PPP)	56,625	7,987	15,164

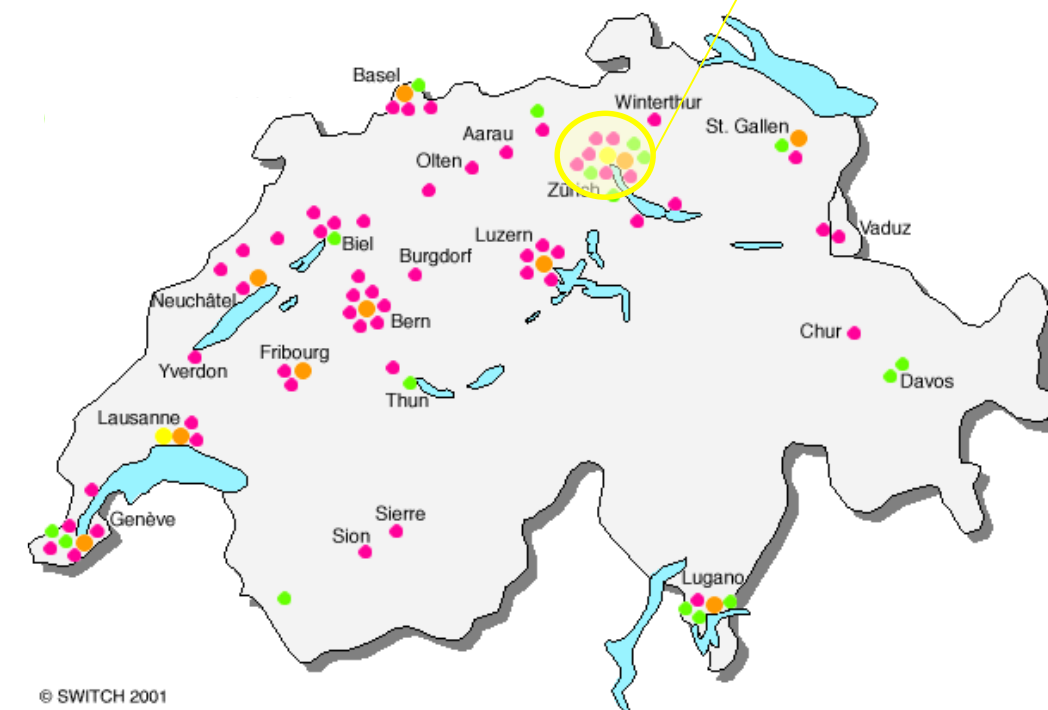
Source: ASEAN Member States: Selected Basic Indicators, 2016,

<https://tradingeconomics.com/switzerland/gdp>



Swiss indicators & HEI landscape

- 2 Swiss Federal Institutes of Technology (ETH's)
- 10 Universities (Cantonal, Cantons = States)
- 8 Universities of Applied Science (Cantonal)
- Research Institutes

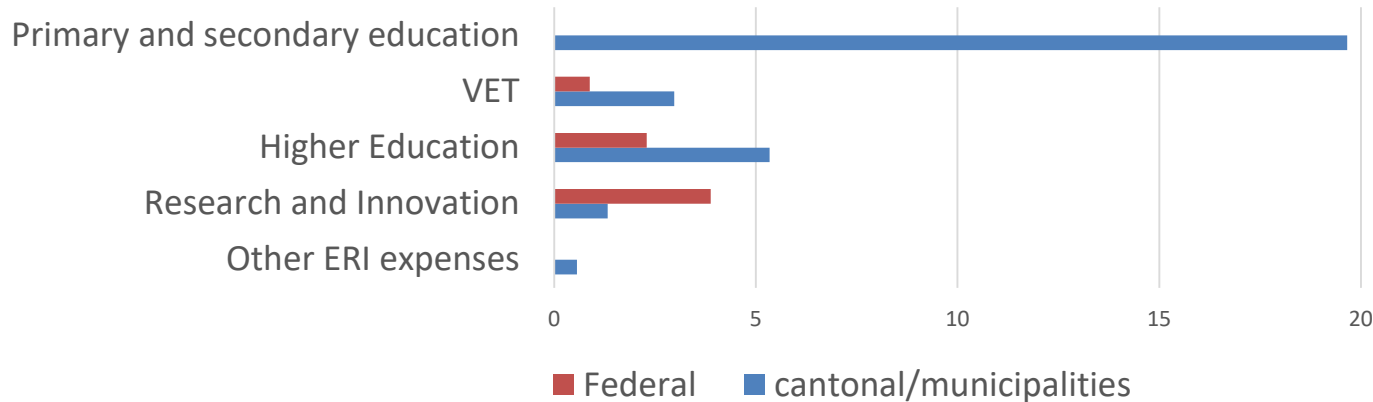


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Swiss Federal ERI funding for international collaboration

Expenses for Education, Research, and Innovation (ERI), 2012 (billion CHF)



ERI Budget 2017-2020: Total 26 billion CHF, 136 M CHF for int. collaboration

Bilateral programmes with priority countries

Managed by selected Swiss universities as “Leading Houses”

Innosuisse (CTI)

Swiss agency for the promotion of innovation
will start operations on 1 January 2018
Supporting university-industry collaboration
Open to applications with partners outside Switzerland

Swiss National Science Foundation (SNSF, www.snf.ch/)

SERI mandate to SNSF for 2017-2020:

- Calls for **Joint Research Projects (JRPs)** in collaboration with
Argentina, Brazil,
China (incl. Taiwan and Hong Kong),
India, Japan, South Korea
Russia, South Africa

Other SNSF instruments:

- Scientific exchange visits (1 to 6 months)
- Workshops and conferences (2-5 days)

PhD and Postdoc Mobility grants (≤ 3 years)

Swiss Government Excellence Scholarships funded through the Federal Commission for Scholarships for Foreign Students (ESKAS)



State Secretariat for Education, Research and Innovation (SERI) Bilateral Programmes with priority countries (beyond Europe and the USA)

National programmes, open to all Swiss universities (all types) and public research institutions

Coordinated by selected universities as “Leading Houses”

Leading House	ETH Zurich	EPFL	ZHAW School of Management and Law
2003-2007	China	India	
2008-2012	China, Japan and South Korea	India	
2013-2016	China (incl. Taiwan and Hongkong), Japan, South Korea and the exploration of additional countries in the Asia-Pacific region	India	
2017-2020	China (incl. Taiwan and Hongkong), Japan, South Korea and the ASEAN countries Special focus on Indonesia, Vietnam, Malaysia, Philippines, Thailand New dimension: Academia-Industry partnerships		South Asia and Iran South Asia: Afghanistan, Bangladesh, Bhutan, India , the Maldives, Nepal, Pakistan and Sri Lanka Iran as additional country www.zhaw.ch/en/research/leading-house-south-asia-and-iran/



Bilateral programme with China (incl. Taiwan and Hong Kong), Japan, South Korea and ASEAN 2017-2020 – Instruments

Bridging Grants / Seed Money Projects

- Small grants for joint bilateral projects
- BG for established collaboration / SM for new partnerships

Mobility

- Grants for doctoral and postdoc candidates (Outgoing / Incoming)

Innovation

- **Asia Industry Internships:** 3 months at industry partner
- **Innovation Partnership Grants:** Joint activities between Swiss academic partners and innovation partners in Asia
- **Asia Entrepreneurship Training:** Training for start-ups with Asia-experienced entrepreneurs (Pilot country **Indonesia**)

Strategic Topics and Exploratory Funding

- Defined by Leading House: E.g. Strategic planning workshop, topical conferences, or response to opportunities

www.ethz.ch/en/the-eth-zurich/global/funding-opportunities/swiss-bilateral-programmes

Current calls

Bridging Grants

≤ 25 kCHF, up to 12 months

Deadline: 31 December 2017

Mobility

Japanese-Swiss Young Researchers' Exchange Programme
with Japanese Society for the Promotion of Science (JSPS)

Call in January 2018

Innovation

Innovation Partnership Grants

Deadline: 28 February 2018





ETH Zurich at a glance

Founded 1855

Driving force of industrialisation in Switzerland

ETH Zurich today

- A Swiss national university with high autonomy
- USD 1.8 billion annual budget
- Top 10 globally, No. 1 in continental Europe
- Place of study, research and employment for 28,000 people from 120 different countries





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Fostering the Entrepreneurial Spirit

Research

Proof of Concept

Prototype

Product
Development

Product



Spark-Award

Pioneer Fellowship

ieLab

Innovation and Entrepreneurship Lab

Spinoff

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Thank you for your interest !

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