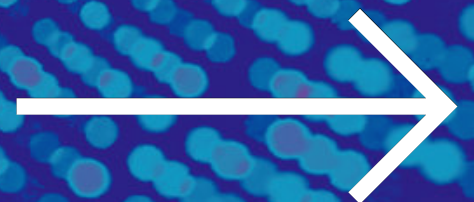
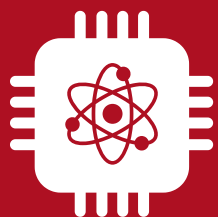


Quantum technology in the Basel Area

Ecosystem mapping series



Quantum technology in Switzerland



4 national research centers
in quantum science



89%

of Swiss quantum research
publications featured
international collaborators



CHF 80M

for the Swiss Quantum Initiative



\$ 500M

for the private initiative QuantumBasel
Switzerland's first commercial quantum center



1st

country to deploy a
commercial quantum
cryptography system



#7

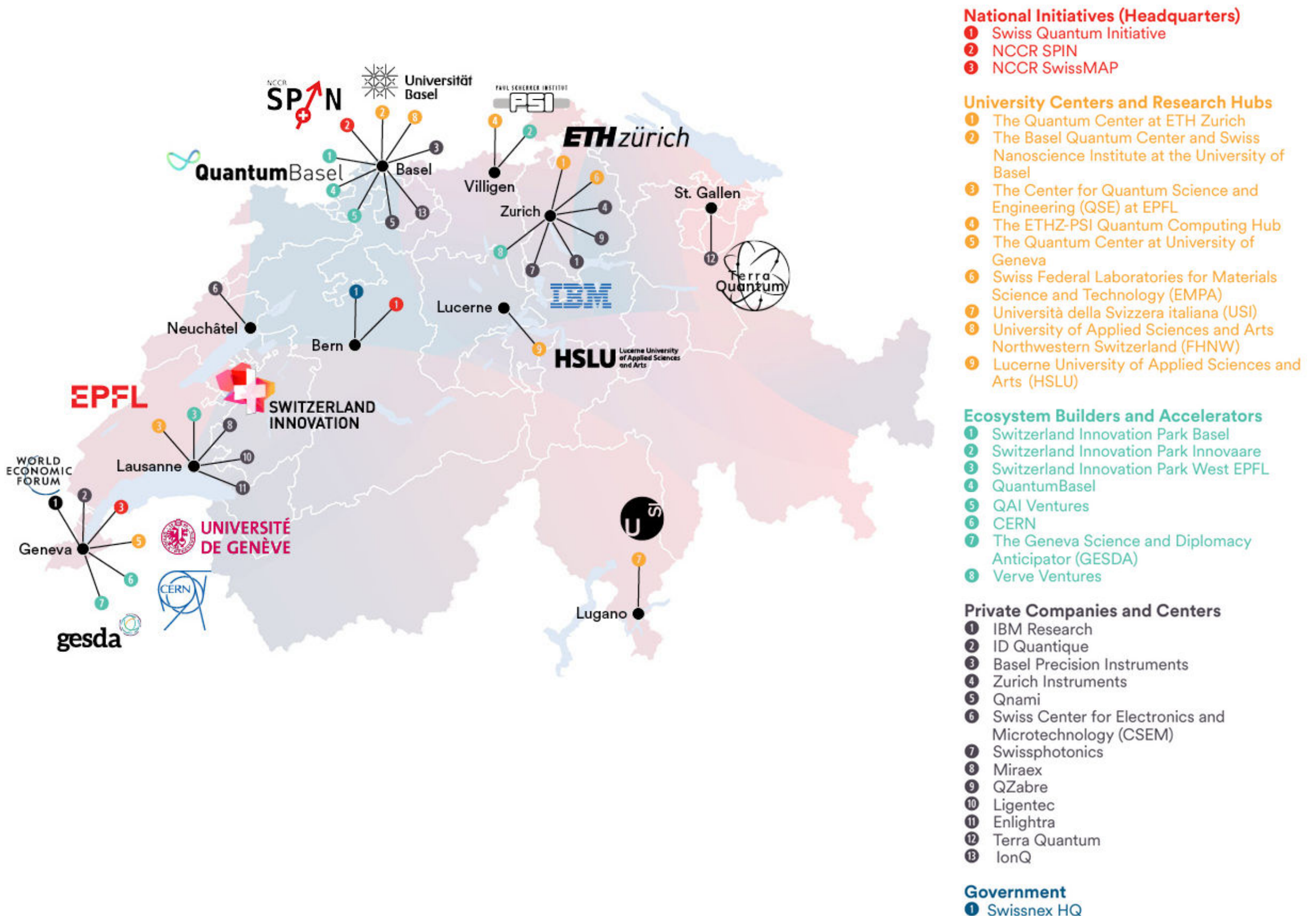
world best
universities
ETH Zurich



#1

country in
innovation

Major centers, companies and initiatives driving forward quantum R&D in Switzerland



Focus on the Basel Area: a hub for quantum computing

Discover the world-class quantum ecosystem in the Basel Area bolstered by top universities, research centers, a leading innovation economy and deep international connections.



1 National initiative

3 Innovation parks and accelerators

3 Private companies

2 University centers and research hubs



**BASEL
AREA**
MORE TO DISCOVER

**Technology access and
large storage capacity
in uptownBasel**

The Quantum computing hub in the Basel Area

Innovation parks and accelerators



Switzerland Innovation Park Basel Area offers advanced facilities and comprehensive services tailored to nurture enterprises and forge strategic partnerships.



QAI Ventures is a quantum-focused investor and accelerator, offering startups access to cutting-edge quantum hardware, mentoring, cash grants, and strategic connections to foster a global quantum ecosystem.



QuantumBasel is Switzerland's first commercial quantum center, embedded in uptownBasel. It specializes in quantum computing and AI and offers organizations in finance, manufacturing, life sciences, and logistics access to quantum systems through proof-of-concept projects and educational programs.

Private companies



Basel Precision Instruments pioneers ultra-low noise electronics and cryogenic equipment, unlocking new measurement capabilities in quantum computing and science.



Qnami specializes in quantum sensors for atomic-scale magnetic field measurements and high-precision imaging.



IonQ is a frontrunner in ion quantum computing, collaborates with Quantum Basel to set up a European quantum data center.

University centers and research hubs



The Basel Quantum Center comprises 15 research groups at the University of Basel working on condensed matter and optics for quantum computer and quantum sensing applications.



The University of Applied Sciences and Arts Northwestern Switzerland (FHNW) has a focus on quantum communication and applied quantum computing for the life sciences and photonics.

National initiative



NCCR SPIN develops from the University of Basel silicon-based spin qubits, uniting experts from University of Basel, IBM Research, ETH Zurich, and EPFL.

”

When we invest in your technology, you become part of the Basel Area ecosystem, with direct access to world-class universities and to one of the leading life science networks.



Alexandra Beckstein

Founder and head of QAI Ventures
Board member of Basel Area Business & Innovation

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Pioneering startups
National coordination
International engagement
World-class quantum science