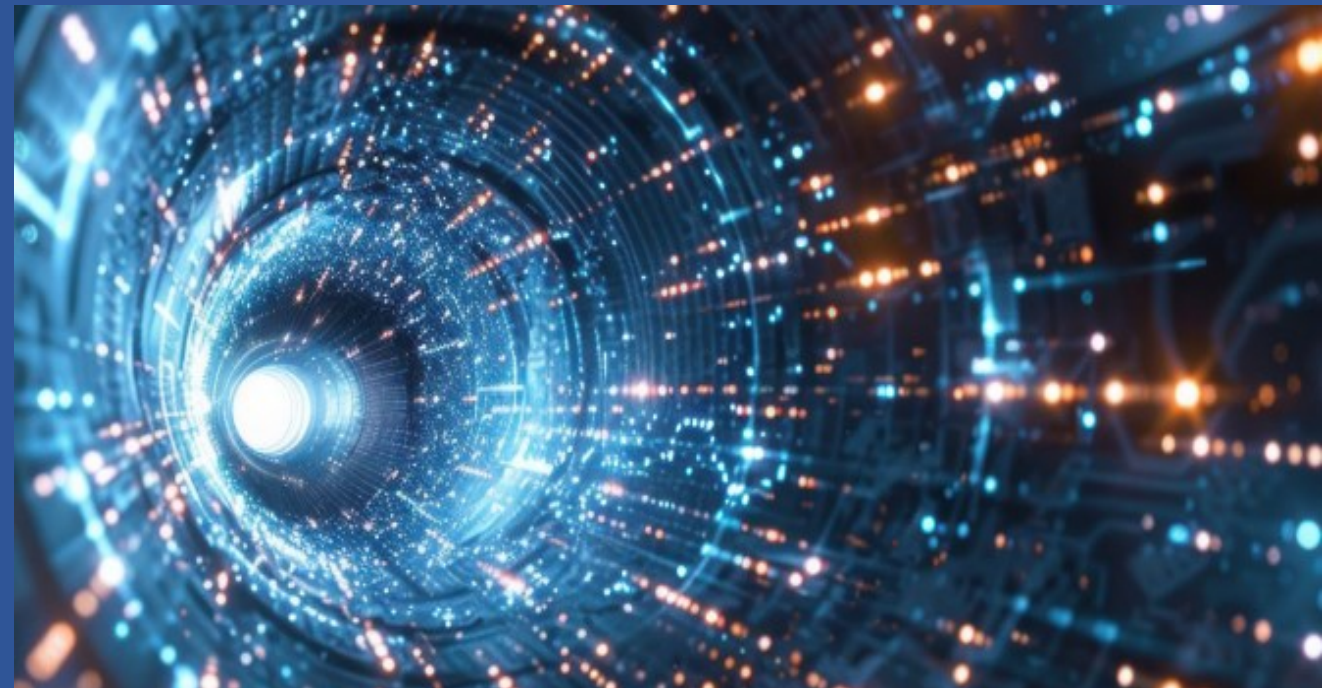


Webinar

$$|\text{research}\rangle_{\text{CH}} \otimes |\text{innovation}\rangle_{\text{DK}} + |\text{innovation}\rangle_{\text{CH}} \otimes |\text{research}\rangle_{\text{DK}}$$

Swiss-Danish Matchmaking in Quantum

6 May 2025



Organised by



**Danish Agency for Higher
Education and Science**



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
**State Secretariat for Education,
Research and Innovation SERI**

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Swiss guide to European
research and innovation

Partners



Swiss Quantum Initiative



**Danish Quantum
Community**



**Swiss National
Science Foundation**

Innovation Fund Denmark



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency



Status of Switzerland in Horizon Europe 2021–2027

Swiss–EU relations: Federal Council approves
definitive negotiating mandate

Press release, 08.03.2024

President Amherd and
European Commission
president Ursula von der Leyen
open negotiations between
Switzerland and the EU

Press releases, 18.03.2024

Federal Council takes note of substantive conclusion
of Swiss–EU negotiations

Press release, 20.12.2024

Switzerland and EU initial agreement on programmes

Press release, 02.04.2025

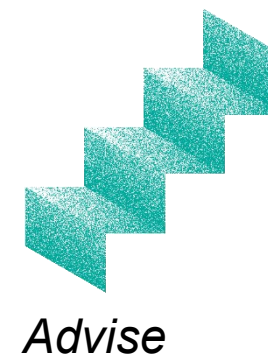
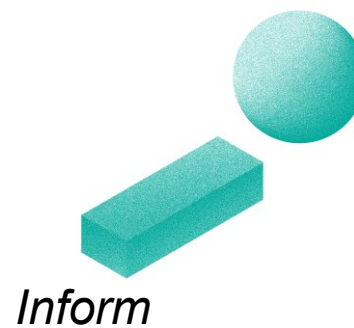


Switzerland–EU: Federal Council approves EU Programmes Agreement

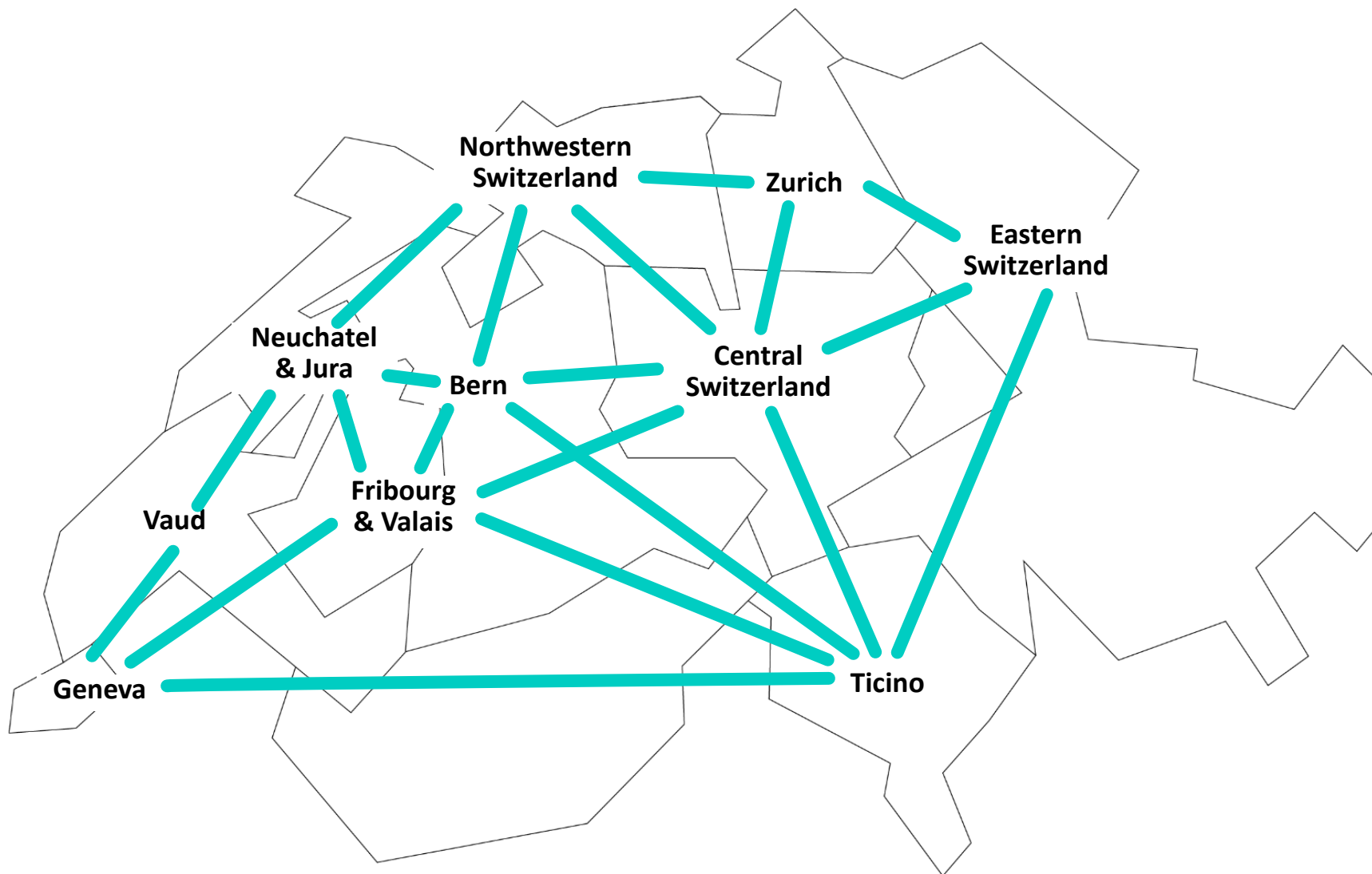
Bern, 10.4.2025 - At its meeting on 9 April 2025, the Federal Council approved the EU Programmes Agreement (EUPA) along with the associated protocols on education, research, innovation and health. It also authorised Federal Councillor Guy Parmelin to sign the agreement. Signature of the EUPA will enable Swiss association in Horizon Europe, the Euratom programme and the Digital Europe Programme to be applied retroactively from 1 January 2025. The agreement will come into effect following ratification of the Switzerland-EU package

Euresearch

is funded by the Swiss
State Secretariat for
Education, Research
and Innovation



Euresearch Network



Participation Possibilities for Swiss Organisations



Regular updates from State Secretariat for
Education Research Innovation (SERI)

↳ www.horizon-europe.ch

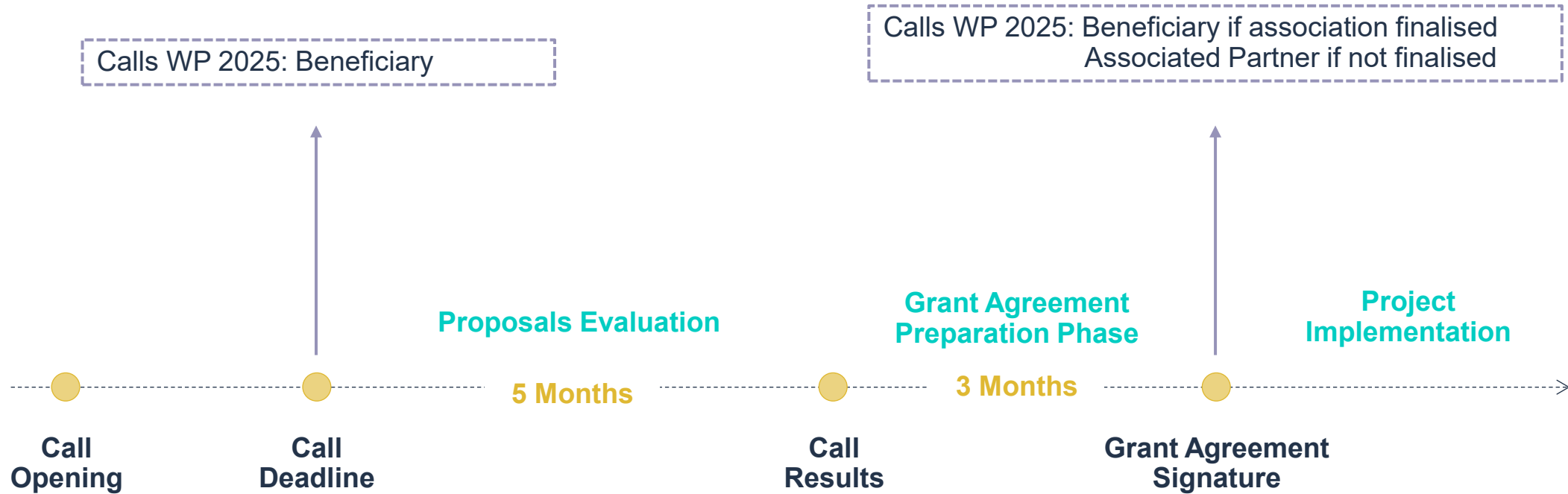
Associated to be
to Horizon Europe

Swiss entities
can apply as
Beneficiaries in all
2025 calls

Status check / shift at
Grant Agreement
signature

Funding
guaranteed
(either from EC or SERI)

The Journey of a Swiss Participant



Beneficiary vs. Associated Partner

Role	Beneficiary	Associated Partner
Active role in the project	X	X
Leading Work Packages	X	X
Sign the Grant Agreement with the EC	X	
Sign the Consortium Agreement	X	X
Tasks and activities clearly described in the proposal and project description	X	X
Project coordination	X	

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Info@euresearch.ch

Free services
Offices in all the
[Swiss regions](#)

[Subscribe](#) to
stay informed
on the latest
R&I
opportunities

Contact the Specialists on Swiss Participation in Horizon Europe!

info@euresearch.ch

Marie Skłodowska-Curie Actions (MSCA)

Doctoral Networks & Staff Exchanges

‘Let’s entangle ‘ – 6th May 2025

Lea Motzfeldt – MSCA National Contact Point
(NCP)



Horizon Europe

Budget: € 95.5 billion (2021-2027)

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



Pillar I EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



Pillar III INNOVATIVE EUROPE

European Innovation Council

European Innovation Ecosystems

European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

€ 6.6 billion

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Types of MSCA actions





Doctoral Networks

Call 2025

Opened: 28 May 2025

Deadline: 25 November 2025

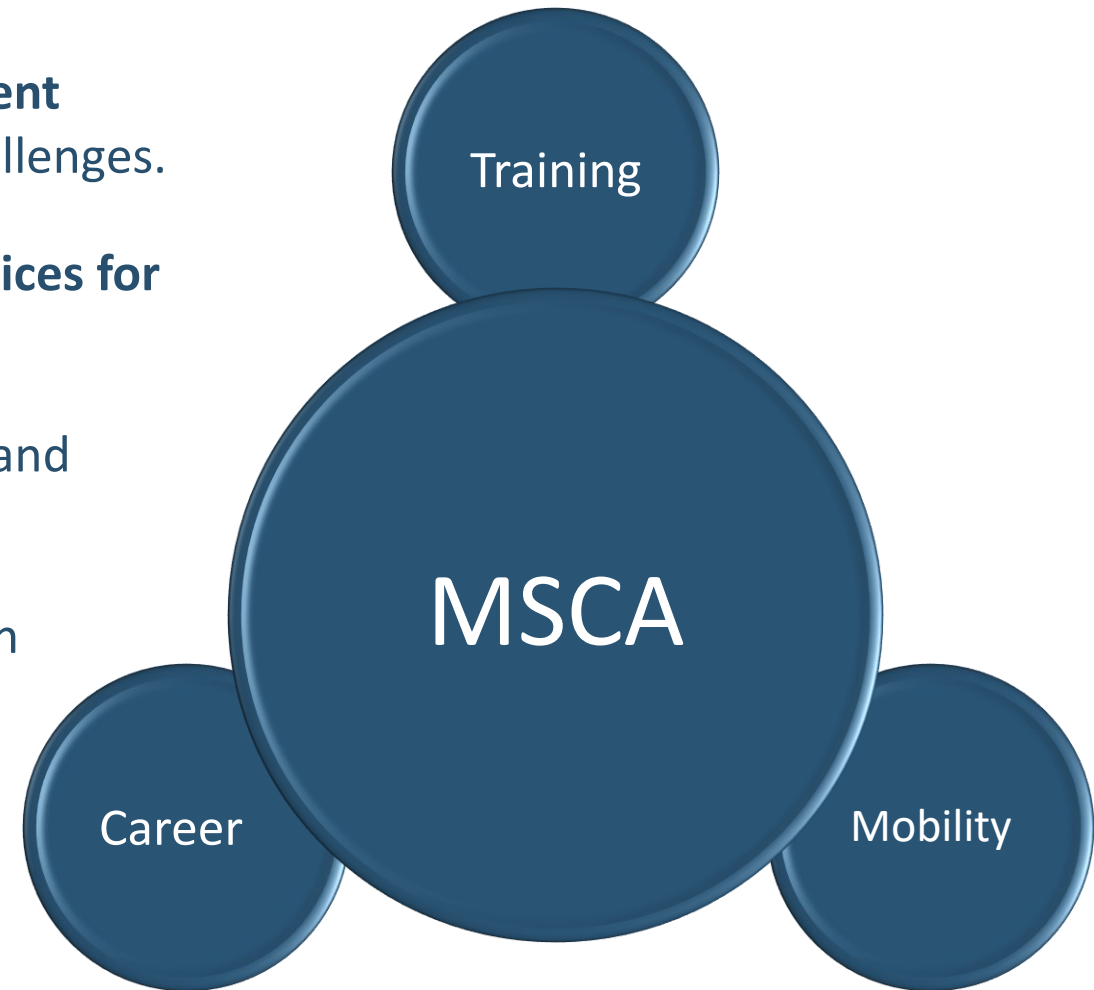
Budget: 458.66 million Euro

A research training programme for PhDs set up by partnerships of organisations

International, intersectoral, interdisciplinary.

Objectives of Doctoral Networks

- To train **creative, entrepreneurial, innovative and resilient doctoral candidates**, able to face current and future challenges.
- To convert **knowledge and ideas into products and services for economic and social benefit**.
- Developing new knowledge and skills through research and mobility **across borders, sectors and disciplines**.
- Supporting excellent **bottom-up** research and innovation projects.



Participation criteria - beneficiaries

- Minimum **three** organisations from **three** different Member States (MS) or Associated Countries (AC). Min. **one** from a MS.
- Participation from **third countries** possible
 - If from **low/middle income countries** automatically eligible for funding ([general annexes](#)) as beneficiaries
- Other participants as **Associated Partners**

Participation criteria – PhDs

- Doctoral candidates - i.e. **not** already in **possession of a doctoral degree** at the date of the recruitment.
- Can be of **any nationality**, but...
- **Mobility criteria:** candidates must not have resided or carried out their main activity (work, studies, etc.) in the country of the recruiting beneficiary for **more than 12 months in the 36 months** immediately before their recruitment date.

Funding

A country correction coefficient of 132,8 % applies to the living allowance for DK Gross amount and 163,8% for CH

MSCA Doctoral Networks	Contributions for recruited researchers per person-month					Institutional unit contributions per person-month	
	Living allowance	Mobility allowance	Family allowance (if applicable)	Long-term leave allowance (if applicable)	Special needs allowance (if applicable)	Research, training and networking contribution	Management and indirect contribution
	EUR 4010	EUR 710	EUR 660	EUR 4720 x % covered by the beneficiary	requested unit ¹²⁵ x (1/number of months)	EUR 1600	EUR 1200

Important documents

European Commissions's information event on Doctoral Networks 2025
call - 24.06.2025

- [MSCA Work Programme](#)
- [Funding & Tenders](#) (guide for applicants, application, evaluation form etc.)
- [Guidelines on Supervision](#)
- [MSCA Green Charter](#)
- [MSCA Library | Horizon Europe NCP Portal](#) – Doctoral Networks Handbook by the NCP RADIANCE project





MSCA Staff Exchanges

Call 2025

Opened: 27 March 2025

Deadline: 8 October 2025

Budget: 97.71 million Euro

A consortium of organizations from different countries and sectors proposes a joint exchange project, based on a common, existing, or upcoming research project.

Objectives of Staff Exchanges

- International, inter-sectoral and interdisciplinary mobility of R&I staff
- Knowledge transfer between participating organisations
- Collaboration between the academic and non-academic sectors (including SMEs)
- Cooperation across the globe

Participation criteria

- Consortium of min. **3 legal entities** in 3 different countries
 - 2 of which in a different EU Member State or HE Associated Country
- The maximum duration of the project is 48 months from the starting date set out in the grant agreement (maximum 360 person months per project)
- Staff who are already employed in the organisations can be sent on exchange for 1 month to 12 months.

Eligibility for EU funding of secondments between organisations

		"HOSTING" (receiving seconded staff members)			
		Academic organisation in MS/AC (1)	Non-academic organisation in MS/AC (2)	Associated Partners eligible for funding	Associated Partners non-eligible for funding
"SENDING" (sending staff members from organization)	Academic organisation in MS/AC (1)	1/3	✓	✓	✓
	Non-academic organisation in MS/AC (2)	✓	1/3	✓	✓
	Associated Partners* eligible for funding	✓	✓	✗	✗
	Associated Partners non-eligible for funding	✗	✗	✗	✗

1/3 This symbol refers to same sector secondments up to 1/3 of the total implemented secondments funded by the EU as long as they are demonstrated to be interdisciplinary.

* Associated Partners eligible for funding (see List of Participating Countries in Horizon Europe)

Funding

MSCA Staff Exchanges	Contributions for seconded staff members per person-month		Institutional contributions per person-month	
	Top-up allowance	Special needs allowance (if applicable)	Research, training and networking contribution	Management and indirect contribution
	EUR 2710	requested unit ¹⁴⁷ x (1/number of months)	EUR 1300	EUR 1000

Important documents


European Commissions' information event on Staff Exchange

- MSCA Work Programme
- Funding & Tenders (guide for applicants, application, evaluation form etc.)
- MSCA Library | Horizon Europe NCP Portal – Staff exchange Handbook by the NCP RADIANCE project

EuroCenter – DK Contact Points (NCPs) for Horizon Europe

- Guidance on opportunities, rules and procedures in Horizon Europe, incl. Guidance on application and project implementation
- Webinars, information meetings etc.
- Publications and data analyses
- ‘EU-DK Support’, a national network of EU advisors
- Website: Horizon Europe — English
- National Contact Points for MSCA in Denmark

NCP Services

In general, the following basic services are available in accordance with the  **NCP Guiding Principles** agreed by all countries:

1. Guidance on choosing relevant Horizon Europe topics and types of action
2. Advice on administrative procedures and contractual issues
3. Training and assistance on proposal writing
4. Distribution of documentation (forms, guidelines, manuals etc.)
5. Assistance in partner search

As the NCPs are national structures, the type and level of services offered may differ from country to country.

National Contact Points for MSCA in Switzerland

msca@euresearch.ch

www.euresearch.ch/msca



Dr Marco Cavallaro

Dr Isabelle Spühler

Dr Manuel Bianco

euresearch

Swiss guide to European
research and innovation



Horizon Europe: EIC Pathfinder and Transition Programme

Cornelia Spycher

National Contact Point for EIC Pathfinder & Transition

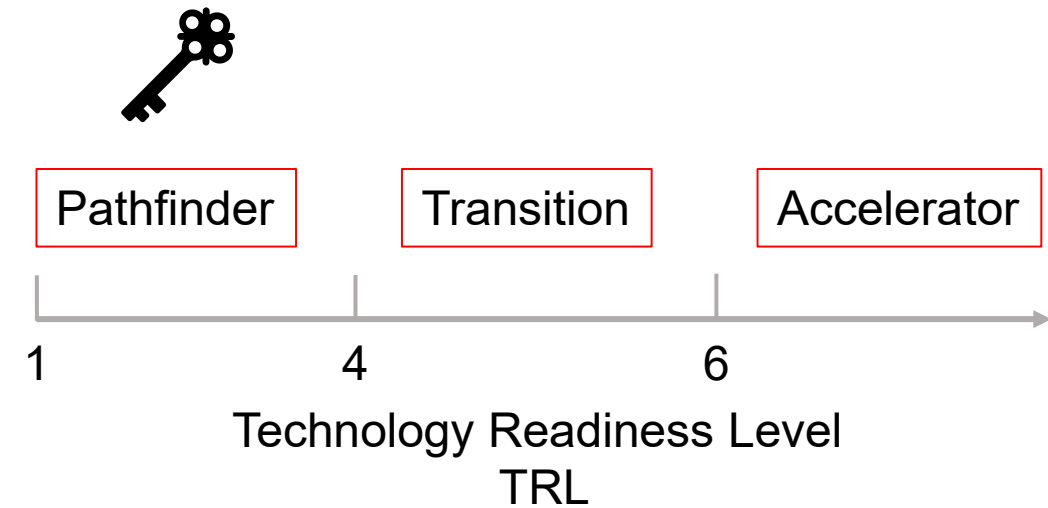
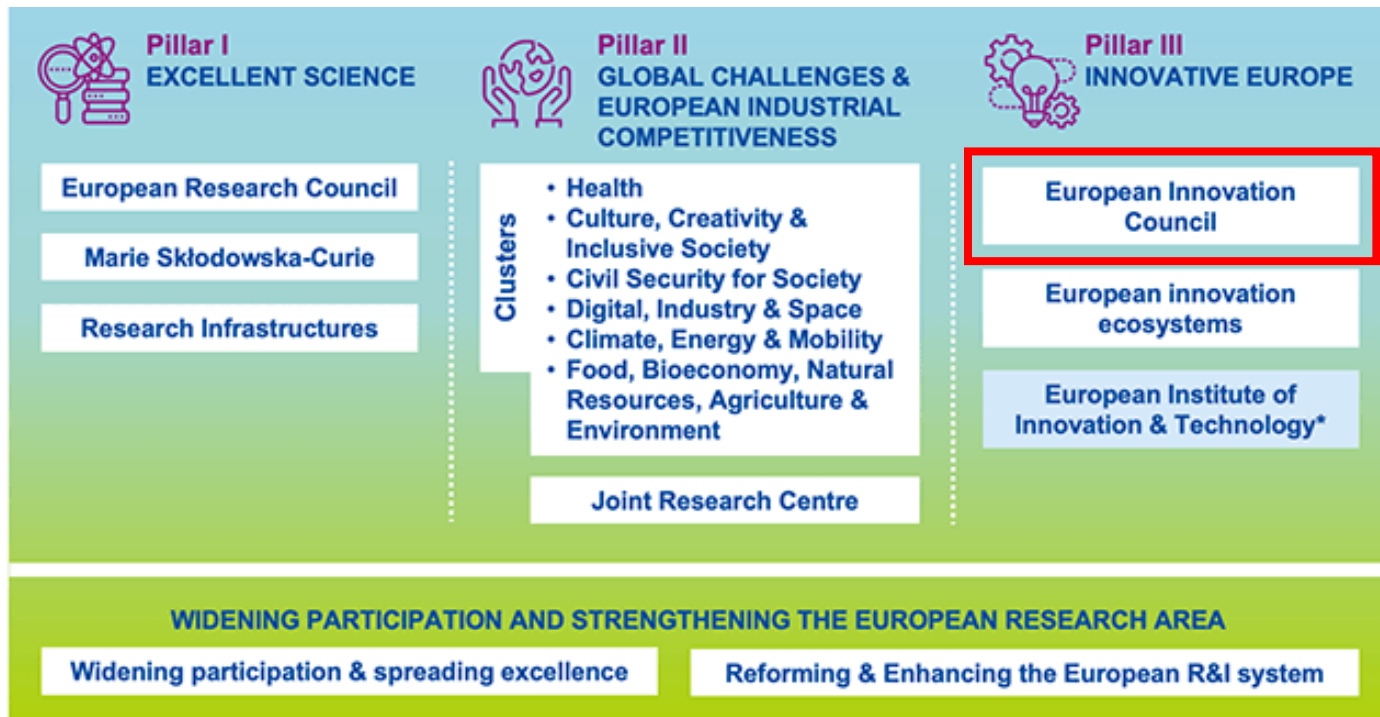
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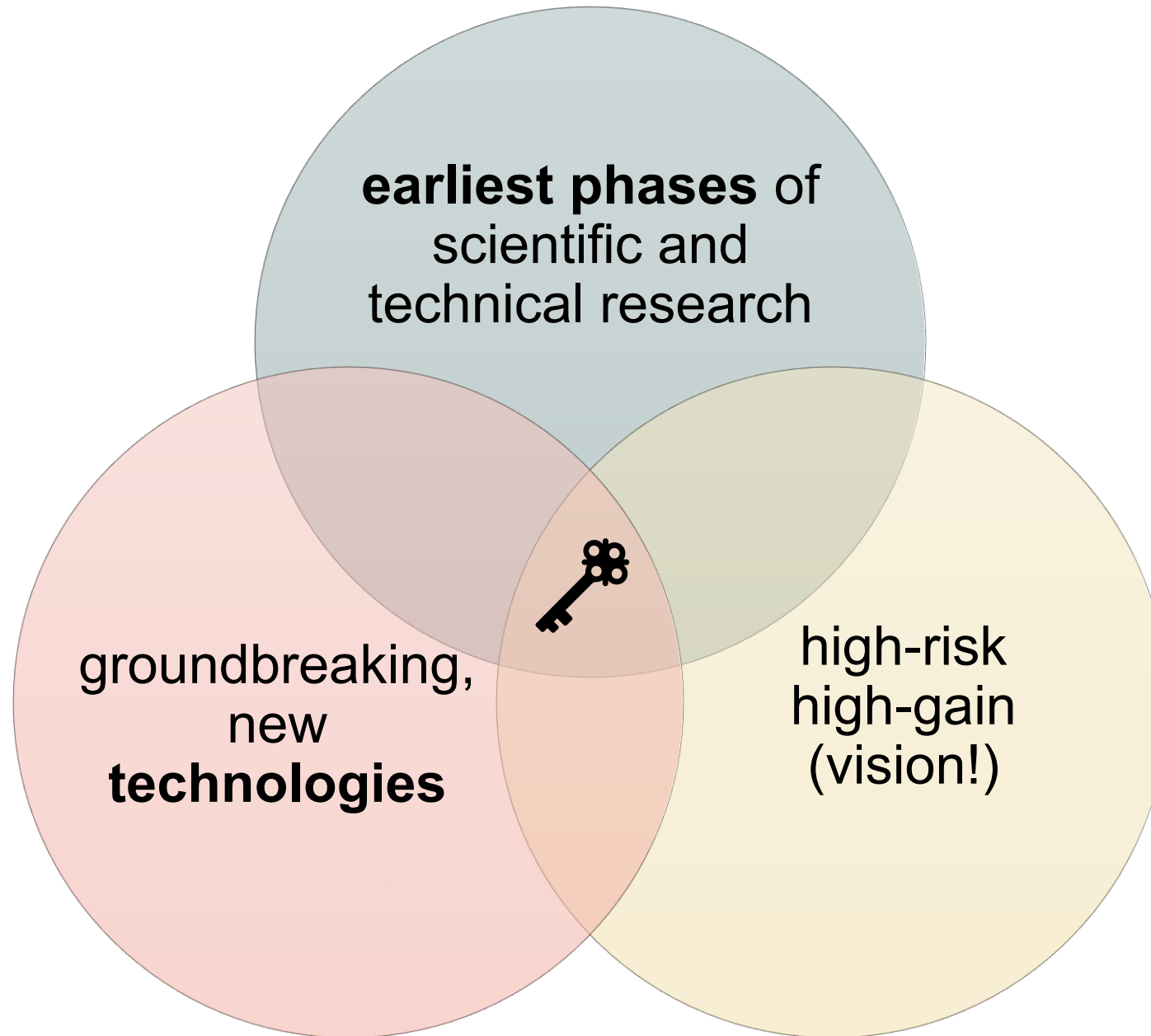


2021-2027











EIC Work programme 2025 [\[link\]](#)

Pathfinder Project: 3 Key Elements required

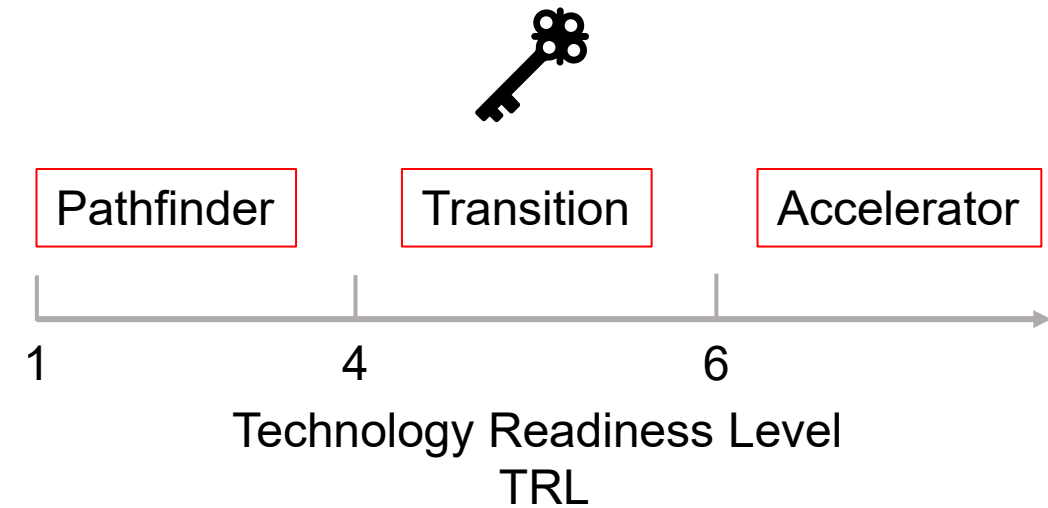
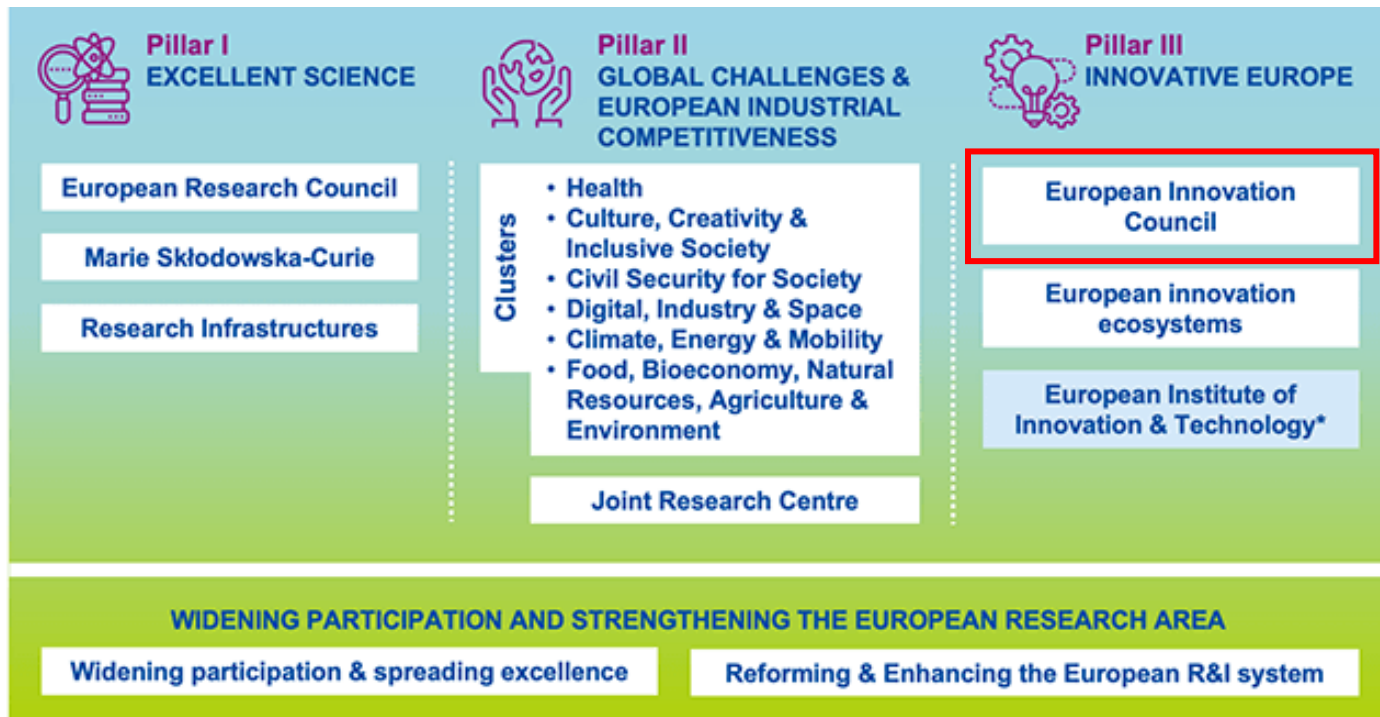




2 Types of Calls

	Open [link to call]	Challenges [link]
	any field of science, technology or application	predefined thematic areas    
TRL	1-4	1-4
mio EUR	3	4
Consortium	 or more	   or more
Deadline	21 May 2025	29 October 2025
Application	20 pages	30 pages

2021-2027








- **EU-funded project result(s)** with promising **commercial** potential?
See [here](#) the list of eligible projects for EIC Transition call 2025
- technology ready for “**next steps**” ?
- done **preliminary market research**?
- envisage **building motivated and entrepreneurial team** ?

4x YES? EIC Transition!

How To Apply

	Open [link to call]
	projects in any field of science , technology or application
TRL	3/4 - 5/6
mio EUR	2.5
Consortium	   max 5
Deadline	17 September 2025
Application	22 pages

Got Questions?

CH: pathfinder@euresearch.ch

transition@euresearch.ch

*DK: Emma Emilie Højer Winther
ehw@ufm.dk*



Schweizerische Eidgenossenschaft
Confédération suisse
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Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
**State Secretariat for Education,
Research and Innovation SERI**

Horizon Europe funding opportunities for 〈 quantum 〉

Danish – Swiss Matchmaking on Quantum in Horizon Europe
6 May 2025

`martin.kern@sbfi.admin.ch`

let's entangle $|\text{research}\rangle_{\text{CH}} \otimes |\text{innovation}\rangle_{\text{DK}} + |\text{innovation}\rangle_{\text{CH}} \otimes |\text{research}\rangle_{\text{DK}}$





HORIZON-2025-CL4

...with some quantum dots

Outline

1. The CL4 work programme 2025
2. (almost) all accessible for CH: caveats
3. Beyond HEU
4. DK-CH entanglement has a long tradition

The CL4 work programme 2025



European
Commission

EU F&T Portal

Sign in

EN



Adoption of the Horizon Europe work programme 2025, the amendment of the Horizon Europe 'main' work programme 2023-2025, and opening of calls previously planned for 6 May have been delayed.

The new date for the adoption of the work programme and opening of calls is foreseen the week of 12 May.

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Facebook



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The CL4 work programme 2024

〈 quantum 〉 as a «strategic» topic: how it looked 2021 –2024

HORIZON-CL4-2023-DIGITAL-EMERGING-01-40: Quantum Photonic Integrated Circuit technologies (RIA)

Specific conditions	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of between EUR 4.00 and 6.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 12.00 million.
<i>Type of Action</i>	Research and Innovation Actions
<i>Eligibility conditions</i>	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>In order to achieve the expected outcomes, and safeguard the Union's strategic assets, interests, autonomy, and security, it is important to avoid a situation of technological dependency on a non-EU source, in a global context that requires the EU to take action to build on its strengths, and to carefully assess and address any strategic weaknesses, vulnerabilities and high-risk dependencies which put at risk the attainment of its ambitions. For this reason, participation is limited to legal entities established in Member States, Iceland and Norway and the following additional associated country: Israel²⁵³.</p> <p>For the duly justified and exceptional reasons listed in the paragraph above, in order to guarantee the protection of the strategic interests of the Union and its Member States, entities established in an eligible country listed above, but which are directly or indirectly controlled by a non-eligible country or by a non-eligible country entity, may not participate in the action unless it can be demonstrated, by means of guarantees provided by their eligible country of establishment, that their</p>



The CL4 work programme 2025

〈 quantum 〉 as a «strategic» topic: how it looks 2025

<i>Type of Action</i>	Research and Innovation Actions
<i>Eligibility conditions</i>	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>In order to achieve the expected outcomes, and safeguard the Union's strategic assets, interests, autonomy, and security, it is important to avoid a situation of technological dependency on a non-EU source, in a global context that requires the EU to take action to build on its strengths, and to carefully assess and address any strategic weaknesses, vulnerabilities and high-risk dependencies which put at risk the attainment of its ambitions. For this reason, participation is limited to legal entities established in Member States, Iceland and Norway and the following additional associated countries: Canada, Israel, the Republic of Korea, New Zealand, Switzerland, and the United Kingdom.</p> <p>For the duly justified and exceptional reasons listed in the paragraph above, in order to guarantee the protection of the strategic interests of the Union and its Member States, entities established in an eligible country listed above, but which are directly or indirectly controlled by a non-eligible country or by a non-eligible country entity, may not participate in the action unless it can be demonstrated, by means of guarantees positively assessed by their eligible country of establishment, that their participation to the action would not negatively impact the Union's strategic assets, interests, autonomy, or security. Entities assessed as high-risk suppliers of mobile network communication equipment within the meaning of 'restrictions for the protection of European communication networks' (or entities fully or partially owned or controlled by a high-risk supplier) cannot submit guarantees.¹⁵⁴</p>
<i>Technology Readiness Level</i>	Activities are expected to start at TRL 3-4 and achieve TRL 5-6 by the end of the project – see General Annex B.



caveat 1

not yet finalised

IMPORTANT NOTICE:

This draft has not been adopted or endorsed by the European Commission. Any views expressed are the views of the Commission services and may not in any circumstances be regarded as stating an official position of the Commission.

This draft is made public before the adoption of the work programme to provide potential participants with the currently expected main lines of this work programme. Only the adopted work programme will have legal value.

The adoption of the work programme will be announced on the Horizon Europe website and on the Funding and Tenders Portal.

Information and topic descriptions indicated in this draft may not appear in the final work programme; and likewise, new elements may be introduced at a later stage. Any information disclosed by any other party shall not be construed as having been endorsed by or affiliated to the Commission.

The Commission expressly disclaims liability for any future changes of the content of this document.



caveat 2

Switzerland is neither an EU nor an EEA member

Successful validation of CH wrt Art 22(5) remedies *almost* all restrictions

*Horizon Europe - Work Programme 2025
Digital, Industry and Space*

The conditions are described in General Annex B. The following exceptions apply: In order to achieve the expected outcomes, and safeguard the Union's strategic assets, interests, autonomy, and security, it is important to avoid a situation of technological dependency on a non-EU source, in a global context that requires the EU to take action to build on its strengths, and to carefully assess and address any strategic weaknesses, vulnerabilities and high-risk dependencies which put at risk the attainment of its ambitions. For this reason, participation is limited to legal entities established in Member States, Iceland and Norway, and Israel.



(re-) entangling with HEU

EC validated CH eligibility for strategic topics: Swiss partners eligible as beneficiaries or even coordinators in 2025 calls





Horizon Europe CL4 and beyond

{ quantum }, AI, HPC, DEP, HPC JU, FP10 (?), new instruments...

22 (5) – Fragen-Themen im Horizon-2024-CL4 draft WP

(NB: Die Themen sind eng mit call (topics) korreliert, bei denen die *stability criteria* noch nicht definiert oder mit einem TBC/TCB versehen sind)

Quantum computing – technology-agnostic software

HORIZON-CL4-2023-04-DIGITAL-EMERGING-02: Quantum Computing – complementing the quantum computing FPOs with the development of a technology-agnostic software stack (RIA)
10 MEUR, TRL 3-4 → 5-6

Quantum chips (Das ist das einzige übergreifende Thema, das nicht auf konkrete calls zielt)

Destination 4: Achieving open strategic autonomy in digital and emerging enabling technologies ... *Mileste*. As set out in the European Chips Act, the typification set to (i) strengthen processes, undertaken at critical stages in the semiconductor and *quantum chips* value chain, including chip design and manufacturing technologies, and (ii) address the use of new materials and green technologies, energy efficiency and the integration of circularity and life-cycle assessment.

Advancing General purpose Artificial Intelligence

HORIZON-CL4-2023-04-DIGITAL-EMERGING-04: Assessment methodologies for General Purpose AI capabilities and risks (RIA) (AI/Data/Robotics Partnership)
10 MEUR, TRL 2 → 5
HORIZON-CL4-2023-04-DIGITAL-EMERGING-07: Enhanced Learning Strategies for General Purpose AI: Advancing GenAI/HEU (RIA) (AI/Data/Robotics Partnership)
30 MEUR, TRL 2 → 5

Generative Artificial Intelligence solutions in robotics and industrial automation

HORIZON-CL4-2023-04-DATA-02: Empowering AI/generative AI along the Cognitive Computing continuum (RIA) (AI/Data/Robotics Partnership)
30 MEUR, TRL 3 → 6-7
HORIZON-CL4-2023-04-DATA-03: Software Engineering for AI and generative AI (RIA) (AI/Data/Robotics Partnership)
15 MEUR, TRL 4 → 6

Generative Artificial Intelligence solutions in aerospace, pharma, and drug discovery

HORIZON-CL4-2023-04-DIGITAL-EMERGING-06: Challenge-Driven GenAI/HEU Booster (RIA) (AI/Data/Robotics Partnership)
45 MEUR, TRL 3 → 2-6

Generative Artificial Intelligence for virtual worlds

HORIZON-CL4-2023-04-HUMAN-15: GenAI/HEU: Generative AI for Virtual Worlds: Advanced technologies for better performance and hyper-personalized and immersive experiences (IA) (AI/Data/Robotics & Virtual Worlds Partnerships)
20 MEUR, TRL 4 → 6
HORIZON-CL4-2023-04-HUMAN-17: Specific support for the Virtual Worlds Partnership and the Web 4.0 initiative (CSA) (Virtual Worlds Partnership)
2.5 MEUR

Coordinating the uptake of GenAI in industry and the public sector

HORIZON-CL4-2023-04-HUMAN-18: GenAI/HEU central Hub (CSA) (AI/Data/Robotics Partnership)
3 MEUR

Communication and network technologies and devices, including telco edge cloud deployment

Infrastructures integrating device, network computing and communication capabilities for Telco Edge Cloud deployments, as a basis for Connected Collaborative Computing Networks (CC networks) (RIA)
75 MEUR, TRL 3 → 7

High-Performance Computing (NB: das Buzzword "HPC" ist omnipresent :))

HORIZON-CL4-2023-04-DIGITAL-EMERGING-04: Post-exascale HPC (CSA)
HORIZON-CL4-2023-04-DATA-10: Roadmap for next generation computing technologies from IoT device level to edge to cloud to HPC (CSA)

Digital enablers and building blocks for autonomy for space transportation systems.

This is about R&D on advanced technologies and digital services for new space transportation, such as smart avionics with modularity and reusability of event, health monitoring system and smart sensors, and structural health monitoring addressing the re-mechanical monitoring and damage detection, ground and flight software for data management even by use of AI algorithms.
HORIZON-CL4-2023-04-SPACE-12: Digital solutions for autonomy for space transportation systems, design and simulation tools - Digital enablers and building blocks
3 MEUR, → TRL 4 - 5

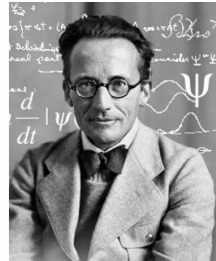
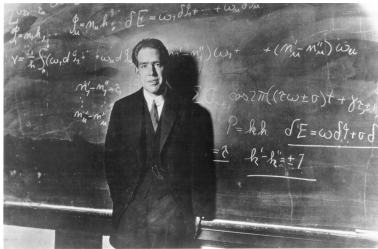
Towards demonstration of digital solutions for autonomy for space transportation systems.

This is about the realisation of new design software tools enhancing reconfigurability in orbit and about the realisation of the subsequent changing technologies related to digitalisation.
HORIZON-CL4-2023-04-SPACE-13: Digital solutions for autonomy for space transportation systems, design and simulation tools - targeting demonstration
7 MEUR, → TRL 7 - 8



DK-CH entanglement tradition

just one 100-year old example





Horizon Europe and Switzerland

further reading

all we know about it is on our website: www.horizon-europe.ch,
and exactly here are the specificities for the Swiss participation in
HORIZON-2025 calls.



Many thanks

...for listening...



...and, just in case: `martin.kern@sbfi.admin.ch`



Swiss-Danish Matchmaking event

...

ID Quantique presentation

Gianluca Boso, Senior Engineering Manager

06/05/2025





Founded in 2001



Geneva, Switzerland
Seoul, South Korea
Boston, USA



By 4 quantum
physicists from the
University of Geneva



130+ employees,
including 50
engineers/scientists



Investments in 2018
by SK Telecom &
Deutsche Telekom



Develops technologies and products based on
quantum physics within 2 business units:

Quantum-Safe
Security

Quantum
Sensing



Performs R&D, production,
professional services,
integration, support



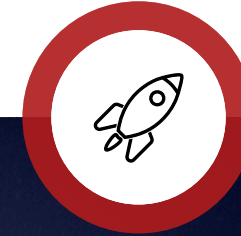
Clients: Governments / Banks /
Gaming Industry / Universities /
IT Security

Quantum. Trust enabled for the future.



Our Mission

IDQ harnesses light to develop and industrialize advanced quantum products and technologies for organizations to ensure long-term protection for data and public safety.



Performance beyond classical techniques

Securing data & communication
Quantum-safe communication & unbreakable encryption
Quantum photonics for Optical Sensing

Industries



Government



Financial services
and Banks



Telco and MSP



Automotive



IoT



Gaming



Critical
Infrastructure



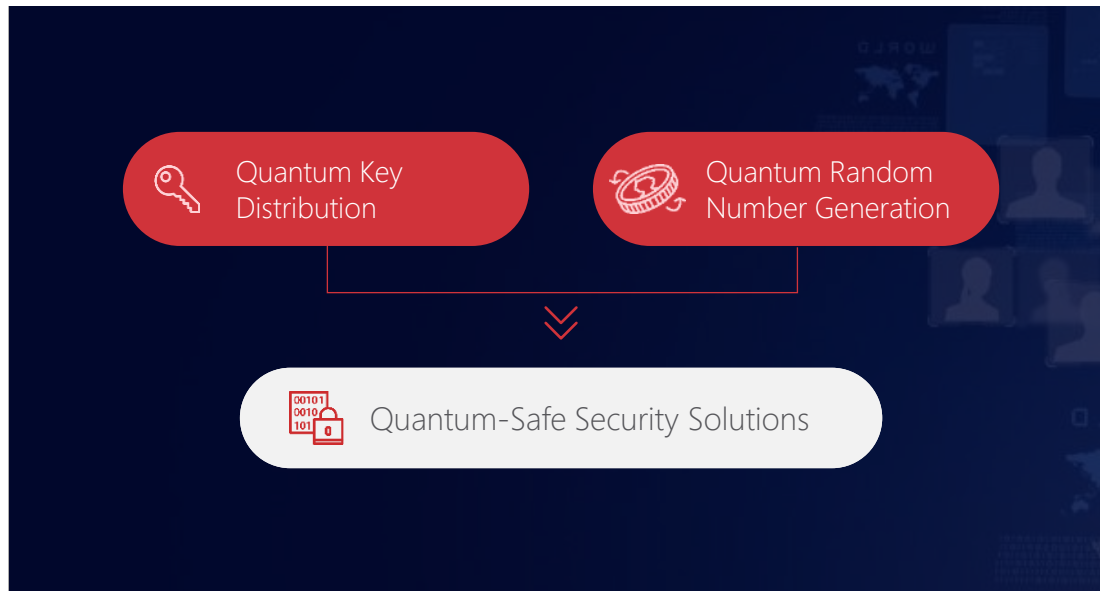
Academia &
Research

Two divisions & activities



Quantum-Safe Security

Protecting mission-critical data
for the long-term future.



Quantum Sensing

Optical sensing performance beyond conventional techniques,
creating the building blocks of the Quantum Internet.



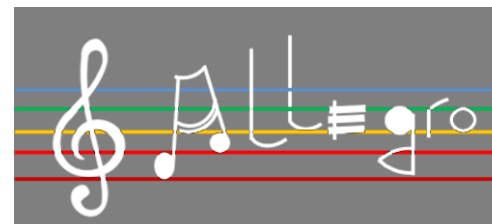
Innovation activities at IDQ



IDQ actively participates since its early days in many European projects to support its innovation activities.

Latest projects:

- 2 ITN in Horizon 2020
- 2 DN in Horizon Europe
- + many more including: Eurostars, CoFOUND, MSCA etc.




QSI: Quantum-Safe Internet



QSI aims at training a world-class cohort of doctoral candidates (DCs) capable of taking the next essential steps in the highly demanding area of cybersecurity.

Some info:

- Duration from Oct 2022 to Sept 2026
- Coordinated by Uni. Vigo in Spain
- 15 doctoral candidates (DN)
- 2 Swiss Associate Partner (IDQ and Uni Geneva)
- 1 DN at IDQ and 1 DN at Uni Geneva
- 1 Danish Beneficiary (DTU – Christian Majenz)



Quantum-Safe-Internet

[Fact Sheet](#) [Reporting](#) [Results](#)

Objective

QSI aims at training a world-class cohort of doctoral candidates (DCs) capable of taking the next essential steps in the highly demanding area of cybersecurity. We aim to build strong lasting links between strategically selected industry and academic partners, in different disciplines, via the development of novel technologies for practical applications in data security. In parallel, we will also combine, via a collaborative long-term interdisciplinary approach, expertise in all relevant communities to address key fundamental problems in secure communications in the quantum era, and the important applications therein. The planned training network will provide research and training opportunities to a new generation of DCs, who, in the long-run, shall address the Grand Challenge of providing Quantum-Safe Internet, i.e. a communication infrastructure that is secure against not only classical attacks but also those enabled by quantum technologies. Today's Internet security heavily relies on computational complexity assumptions, and as such is seriously threatened by advancements in quantum computing technologies. Indeed, we have recently witnessed a wave of key developments in this direction by a number of IT giants, e.g. Google, IBM, Microsoft, and Intel. This particularly jeopardizes applications that require long-term security. The number of such applications is continuously growing as more and more of our private information is stored and communicated in a digital way, e.g. electronic health records, which are now required by European legislation to remain secure for a long time. This requires us to urgently develop and implement new solutions, as we plan to do in this Doctoral Network (DN).

Fields of science (EuroSciVoc) ⓘ

[natural sciences](#) > [computer and information sciences](#) > [internet](#)

[natural sciences](#) > [computer and information sciences](#) > [computer security](#)

ⓘ

Keywords

Project Information

QSI
Grant agreement ID: 101072637

DOI
[10.3030/101072637](https://doi.org/10.3030/101072637)

EC signature date
22 June 2022

Start date
1 October 2022

End date
30 September 2026

Funded under
Marie Skłodowska-Curie Actions (MSCA)

Total cost
No data

EU contribution
€ 2 157 141,60

Investment in EU policy priorities

Digital agenda	<input type="radio"/>	Clean air	<input type="radio"/>
Artificial Intelligence	<input type="radio"/>	Climate action	<input type="radio"/>
Biodiversity	<input type="radio"/>		

Coordinated by
UNIVERSIDAD DE VIGO
Spain

Our Doctoral Candidate



Architecture and hardware for
a high-performance
Quantum-Safe internet



Loïc Millet

Develop a future-proof and practical architecture and hardware components for a QS Internet that optimally address the needs for security, functionality, and usability.



Co-supervision with the University of Geneva

Planned secondments in Spain (Uni. Vigo) and France (Uni. Sorbonne)

Latest QSI workshop will be held in Copenhagen



QSI

About

Projects

Partners

QSI Green Chapter

People

Dissemination

Documentation

Funded by the
European Union



QSI Workshop

The MSCA Doctoral Network “Quantum Safe Internet” is happy to invite to a focused workshop on techniques for a quantum-safe network infrastructure, including both post-quantum cryptography and quantum key distribution. The workshop will be held at the [Technical University of Denmark](#) in the Copenhagen area. We invite external participation and submissions for contributed talks.

Important Dates

- Submission deadline -> **14/03/2025**. Before **01/03/2025**.
- Notification, registration opens -> **15/03/2025**.
- Workshop -> **12/05/2025-14/05/2025**.

QuNEST: Quantum-Enhanced Optical Communication Network Security



QuNEST aims at training a world-class cohort of doctoral candidates (DCs) capable of taking the next essential steps in the highly demanding area of cybersecurity.

Some info:

- Duration from Oct 2023 to Sept 2027
- Coordinated by TUE in the Netherlands
- 11 doctoral candidates (DN)
- 2 Swiss Associate Partner (IDQ and Uni Geneva)
- 1 DN at IDQ
- 1 Danish Beneficiary (DTU – Darko Zibar)



Doctoral Training Network for Quantum Enhanced Optical Communication Network Security

[Fact Sheet](#)[Results](#)

Objective

The security of data has never been more valuable. Today, cryptography is critical to the safe operation of digital infrastructures. However, yearly advances in quantum computing present new threats. Quantum Key Distribution (QKD) may provide the best protection, an approach designed to ensure privacy using quantum information encoded on photons. In theory, QKD is proven secure. In practice, QKD systems deviate from this theoretical behaviour due to implementation. Currently, QKD requires a separate dark fibre due to its susceptibility to classical channel effects (e.g. noise, Kerr non-linear interference, and scattering effects). Separating QKD from classical optical signals is costly and impractical, keeping QKD a niche product. Therefore, network providers seek quantum security to coexist in existing classical optical infrastructure. A better understanding of a quantum/classical optical channel is needed to develop improved channel coding, robust error-correcting schemes, digital signal processing, and optoelectronic components for the transceivers. In addition, a study on network topologies and integrating classical to quantum signals on implementation security is needed. The doctoral research network - QuNEST aims to gather diverse industrial and academic partners with strong scientific and technical expertise in QKD technology and optical communications to establish a new, innovative, multi-disciplinary, training network for doctoral researchers (DR). With the high-level objective of training experts to design, develop, and drive the future quantum secure optical infrastructure forward. This doctoral network will train 11 DR fellows, leaning on the expertise of 17 partners: 6 universities, and 11 Industrial partners (i.e. 1 Simulation software provider, 2 Telecom operators, 2 SMEs and 6 hardware vendors). From 7 European countries, QuNEST provides a unique and timely opportunity to train students in quantum physics and optical communications

Fields of science

[natural sciences](#) > [physical sciences](#) > [quantum physics](#)

[engineering and technology](#) > [electrical engineering](#), [electronic engineering](#), [information engineering](#) > [electronic engineering](#) > [signal processing](#)

Project Information

QuNEST

Grant agreement ID: 101120422

DOI

[10.3030/101120422](https://doi.org/10.3030/101120422)

EC signature date

20 June 2023

Start date

1 October 2023

End date

30 September 2027

Funded under

Marie Skłodowska-Curie Actions (MSCA)

Total cost

€ 0,00

EU contribution

€ 2 661 328,80

Coordinated by

TECHNISCHE UNIVERSITEIT EINDHOVEN

Netherlands

Our Doctoral Candidate



IDQ



- **Project title:** Real-time reconfigurable QKD systems from seamless integration in a modern network architecture
- **Host institution:** ID Quantique
- **PhD enrolment:** University of Geneva
- **Supervisors:** Gianluca Boso (ID Quantique); Félix Bussi res (ID Quantique); Rob Thew (University of Geneva); Mentor: T. Bradley (Eindhoven University of Technology).

Co-supervision with the University of Geneva
Planned secondments in Germany (VPI Photonics and ADVA)

The importance of Doctoral Networks. The experience of IDQ



- **For the DN:**

- Exposure to a large network of industry and academic partners
- Training opportunities at a pan-European level (schools, secondments, training programs, mobility programs)
- Competitive salary and working conditions

- **For the host institution (IDQ):**

- Consolidate our network of industry and academic partners in some of our core activities (e.g. quantum communication, detection systems etc)
- Work on innovation activities with some specific partners (through secondments for example)
- Funding of a young researcher to be integrated in our R&D department



ID Quantique



*Quantum.
Trust enabled for the future*

Q & A

info@idquantique.com | www.idquantique.com

ID Quantique

**Founded
in 2001**

**3 Product
lines:**

1. Quantum Random Number Generation
2. Quantum-Safe Security
3. Quantum Sensing



**High-quality
engineering**



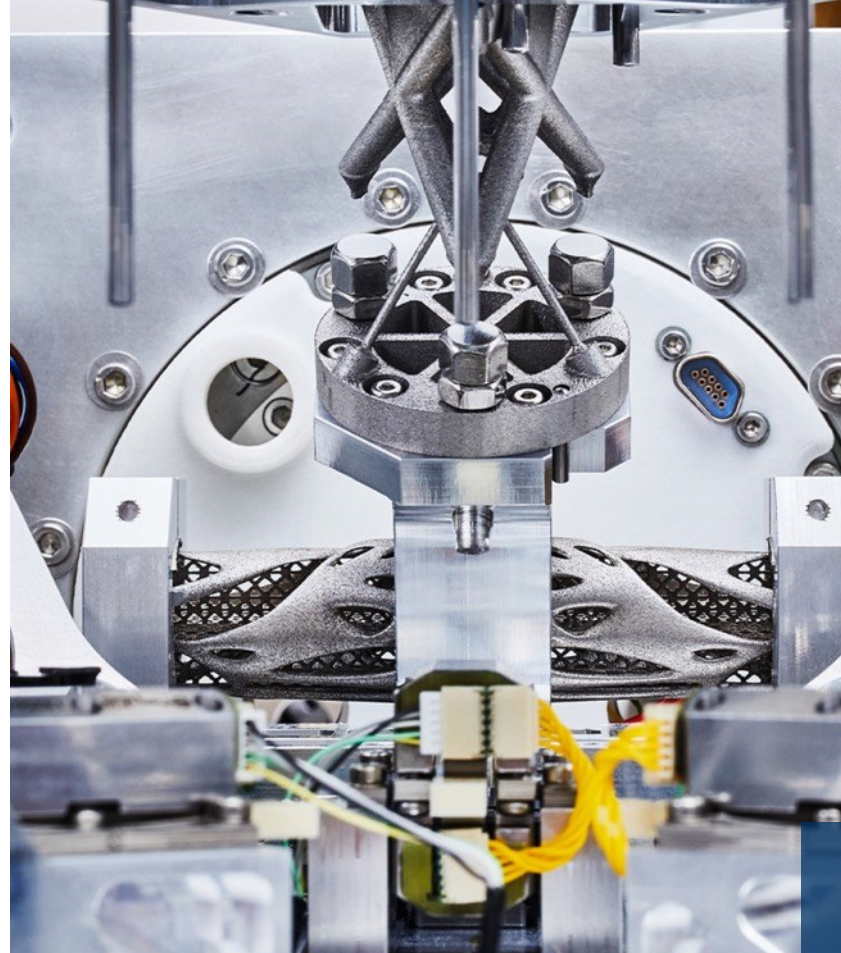
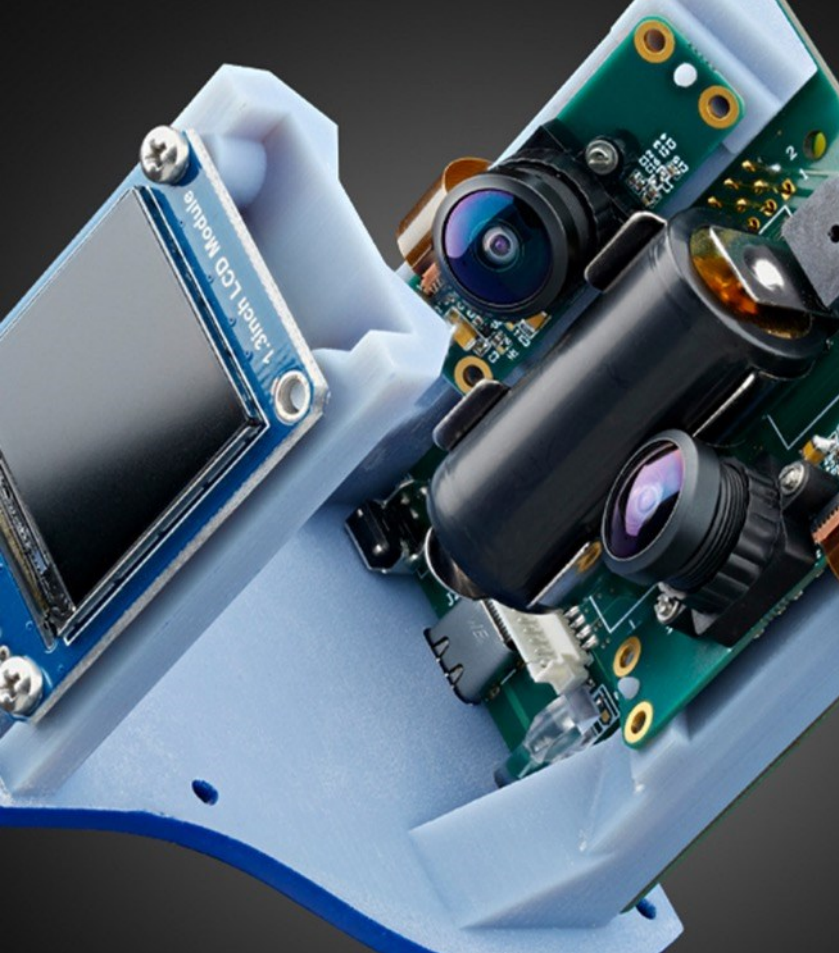
**Best-in-class
performance**



Trust



**Operational
simplicity**



Alberto Della Torre
R&D Engineer

06/05/2025

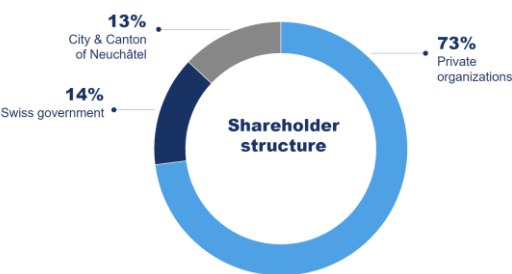
SWISS-DANISH QUANTUM COOPERATION FROM CSEM'S PERSPECTIVES



CSEM AT A GLANCE

We are a non-profit public-private, Swiss **technology innovation center**

We enable competitiveness by **developing and transferring world-class technologies** to the industrial sector



1984
FOUNDED



600
SPECIALISTS

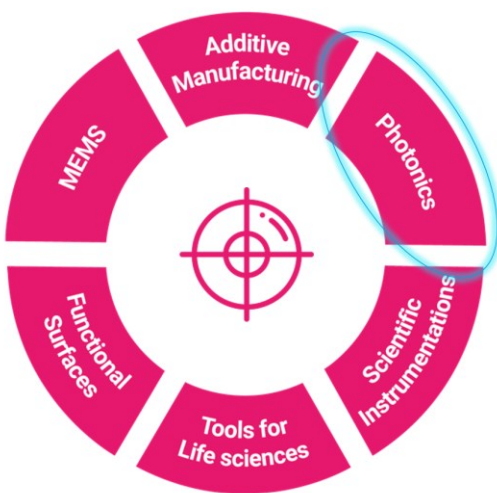


107.6
M TURNOVER in 2023

Digital Technologies



Precision Manufacturing

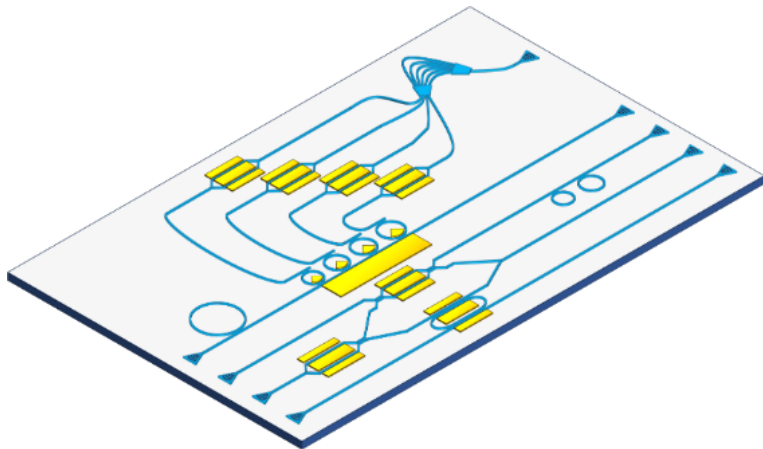








Sustainable Energy

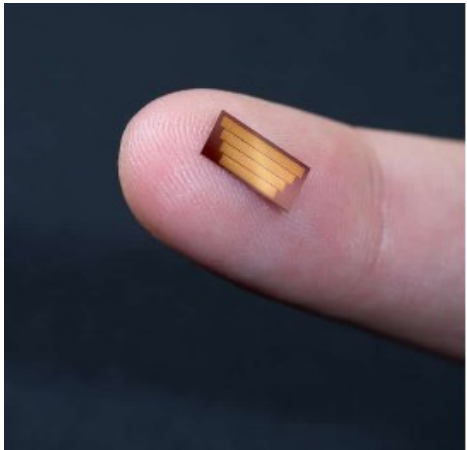
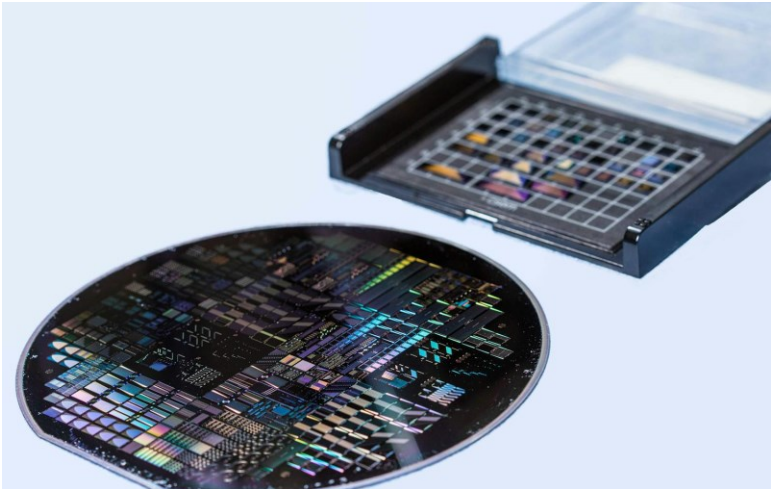
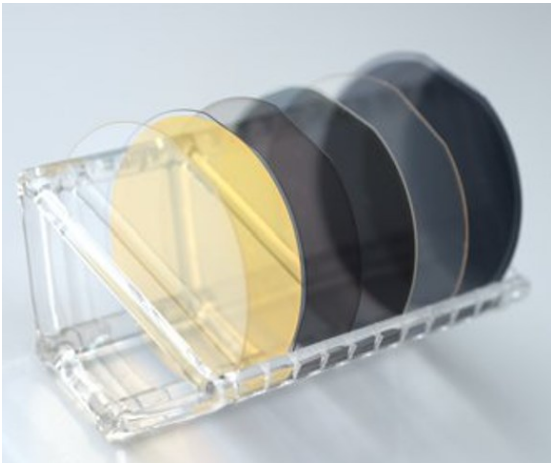


WHAT DO WE DO IN OUR TEAM?

Wafer-level Thin-Film Lithium Niobate (TFLN) photonic integrated circuits (PICs) fabrication



- Electro-optical property

- Nonlinear material

- Wide bandgap

- Wide transparency

- Integration and scalability

- Piezoelectric property




<https://m.nanoln.com/>

WE ARE INVOLVED IN MANY EUROPEAN PROJECTS

TFLN PIC platform development



Co-integration of TFLN and SiN PIC platforms



PICs for mmWave communication systems



A versatile quantum photonic integrated platform



Quantum-enhanced photonic integrated sensors



Scalable continuous variable cluster state quantum technologies



WHY WE LIKE TO JOIN EUROPEAN PROJECTS

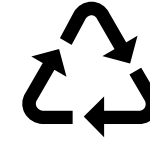
- Partnering with high profile institutions is crucial to develop tomorrow's technology

Especially for a young field like PICs



- Create an ecosystem at European level around a technology

Create a critical mass for maturing the technology and create an industry



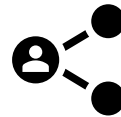
- There is a lot to learn from partner's skills

Ex. from personal experience: face challenges with RF testing of chips

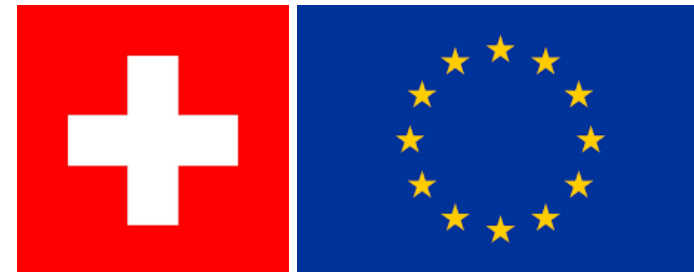
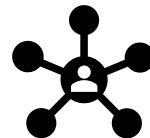


- Share resources

e.g. costly experimental infrastructures



- Helps to build an extended network



THE CLUSTEC PROJECT

01-11-2022

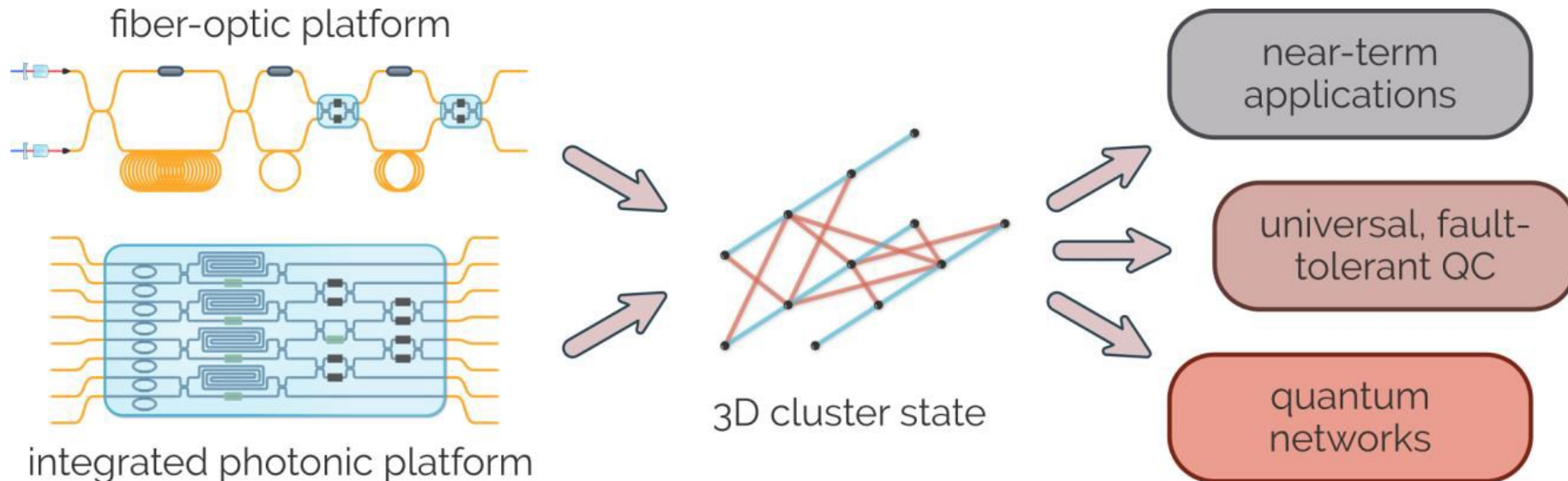
30-10-2026

European Union's Horizon Europe programme



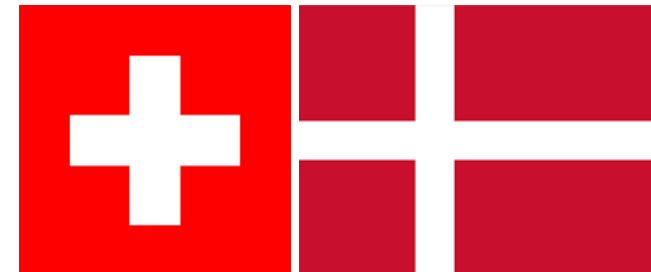
Project goal

Use photonics to generate and study application-specific complex cluster states for near-term quantum computational applications, fault-tolerant quantum computing and quantum networks



SWISS-DANISH QUANTUM COOPERATION - BENEFITS AND CHALLENGES FROM CSEM'S PERSPECTIVE

- Denmark and Switzerland are among the leaders in Quantum Technology
Keeping existing collaborations with the big players in this domain and expanding collaborations with new players is beneficial for both sides
- Complementary expertise
Denmark is at the forefront of research in quantum computing
CSEM offers a unique integrated photonic platform
- Demanding requirements for quantum integrated photonics
Helps to push the performances of our platform
- Helps to develop new technology, which is CSEM's mission
- Talent mobility
DTU PhD student visiting CSEM for a few weeks





FACING THE CHALLENGES OF OUR TIME



Danish Quantum Community

DK-Swiss QT Matchmaking Platform

May 6th 2025



Danish Quantum
Community

Who is DQC

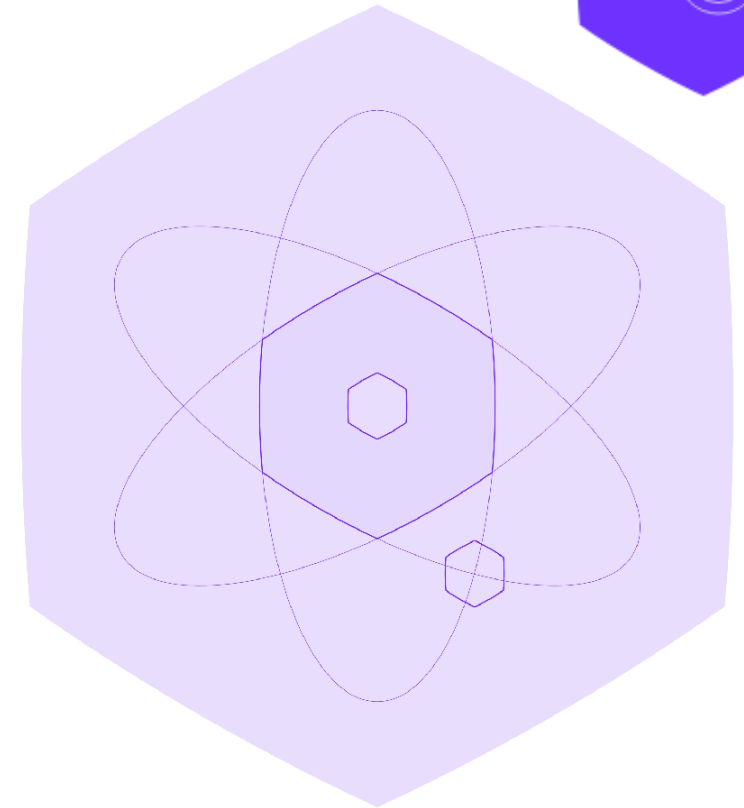
- Founded in 2021
- Build on grass root initiated by Danish academic Institutions
- Non-profit
- Non-political

Funding

- Membership fee's
- Consultancy services
- Grants

Team

- 3 FTEs
- 12 boardmembers from industry and academia



Key milestones

DQC is founded

In the world-famous Auditorium A at Niels Bohr Institute, DQC's 15 founding members gather to found a new organization to strengthen the Danish quantum ecosystem.

Aug
2021

Danish Quantum Agenda

DQC publishes our vision for a Danish quantum agenda to support growth, innovation and talents in Denmark.

June
2022

Novo Nordic Foundation

DQC receives a generous grant to advance the Danish quantum ecosystem for the years 2024-2026

Aug
2023

Nov
2021

Inaugural GQ

The first DQC Board of Directors are announced to build a new Danish quantum ecosystem of excellence.

June
2023

IQT Nordics

DQC gathers 200+ quantum enthusiasts from all over the world for the first ever IQT Nordics conference in Copenhagen.

Now

57 DQC Partners

Today we are proud to represent 53 partners from the entire Danish quantum ecosystem

DQC's purpose is fourfold:

1. To increase awareness of QT
2. To improve the opportunities for research and innovation in QT
3. To illustrate the potential applications of QT for the benefit of Danish society
4. To build a strong Danish ecosystem that can fulfil the commercial potential of quantum technology

DQC works to fulfil it's purposes by ensuring the best condition:

- Research & Innovation
- Education
- External funding

Strategic Focus Areas



**Research &
Innovation**



**Application &
Commercialisation**



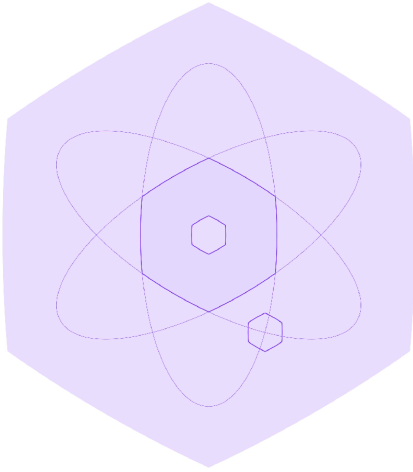
**Education &
Talent**



**International
Collaboration &
globalisation**

DQC is focusing on 4 key strategic areas in the period 2023-2026 aligned with our purpose statement. Our efforts are supported with funding from the NNF.

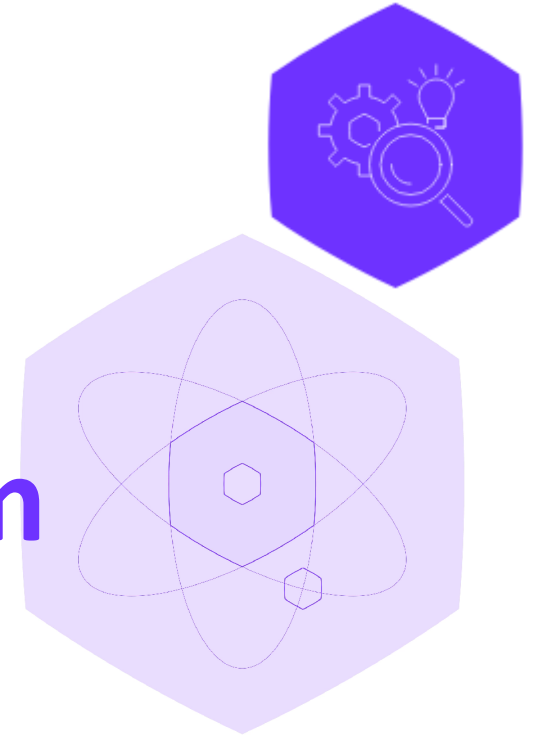
The goal is coordination of Danish activities across stakeholders: government, universities, foundations, industrial branches etc. including coordination with the goals and activities in The National Danish Quantum Strategy



Success parameters

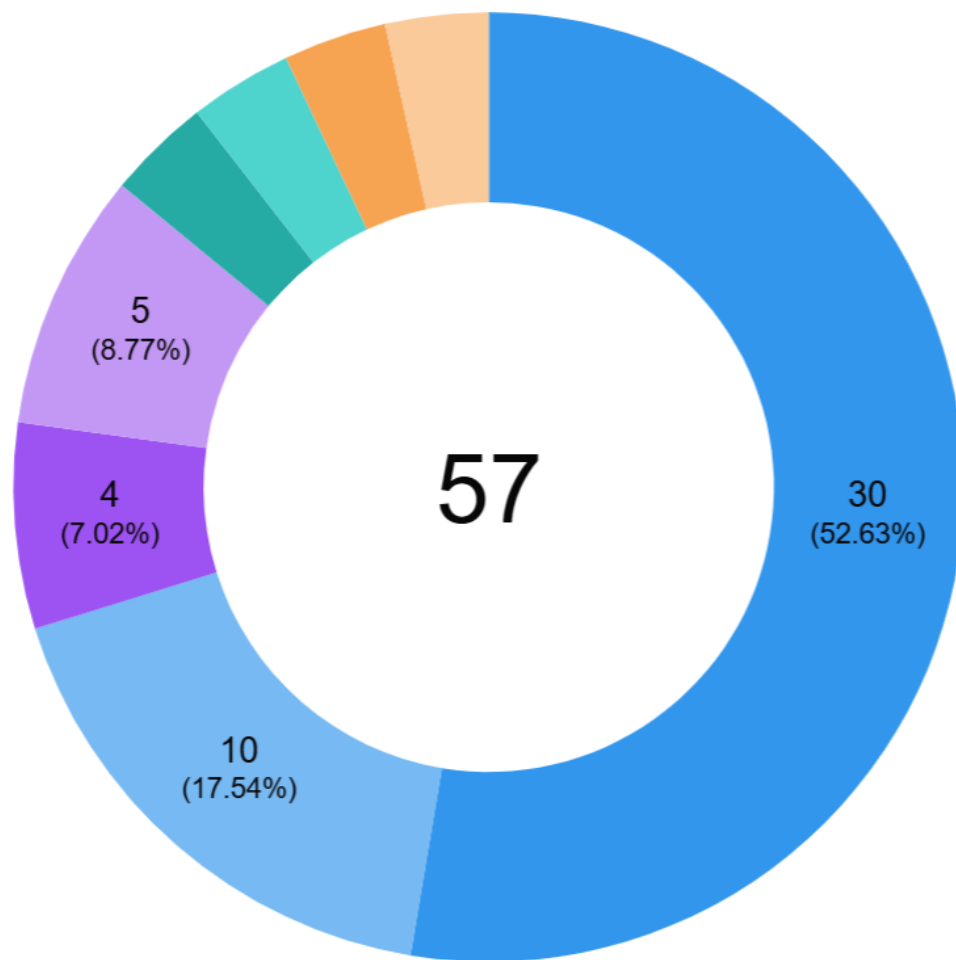
- Increased quantum awareness in industry and society in general
- Higher number of collaboration projects between universities and industries
- Increased awareness of the potential of QT in other scientific fields than physics, such as chemistry, biology, computer science, mathematics, medicine etc.
- Higher number of quantum startups
- More foreign investments (Fdi) in the Danish quantum ecosystem
- More soft funding and capital for Danish quantum startups
- More jobs in the Danish quantum ecosystem

**DQC's is the joint voice
of the Danish Quantum Ecosystem
- uniting all stakeholders**



Partners in DQC

- DQC admit companies, interest organisations, research organisation and other stakeholders who contribute to fulfilling DQC's purposes
- Must have a Danish entity and CVR number
- Today we represent 57 partners and we are growing:
 - Academia and industry
 - QT companies & Endusers
 - Startups and Corporates
 - Consultants
 - Clusters and startups hubs
 - Investors
- The board will propose to also accept Associate Partners in DQC on the next General Assembly



Universities and RTOs



IT UNIVERSITY OF CPH



Consultancy



Innovation hubs and clusters

novo nordisk
foundation



DigitalLead.

Endusers



TOPSOE

FROGNE
- Part of the KFA Group



Interest organisations



DANSK
ERHVERV

Sensing



Simulation



QUNASYS



QT enabled Security



Aliro
QUANTUM



aeven

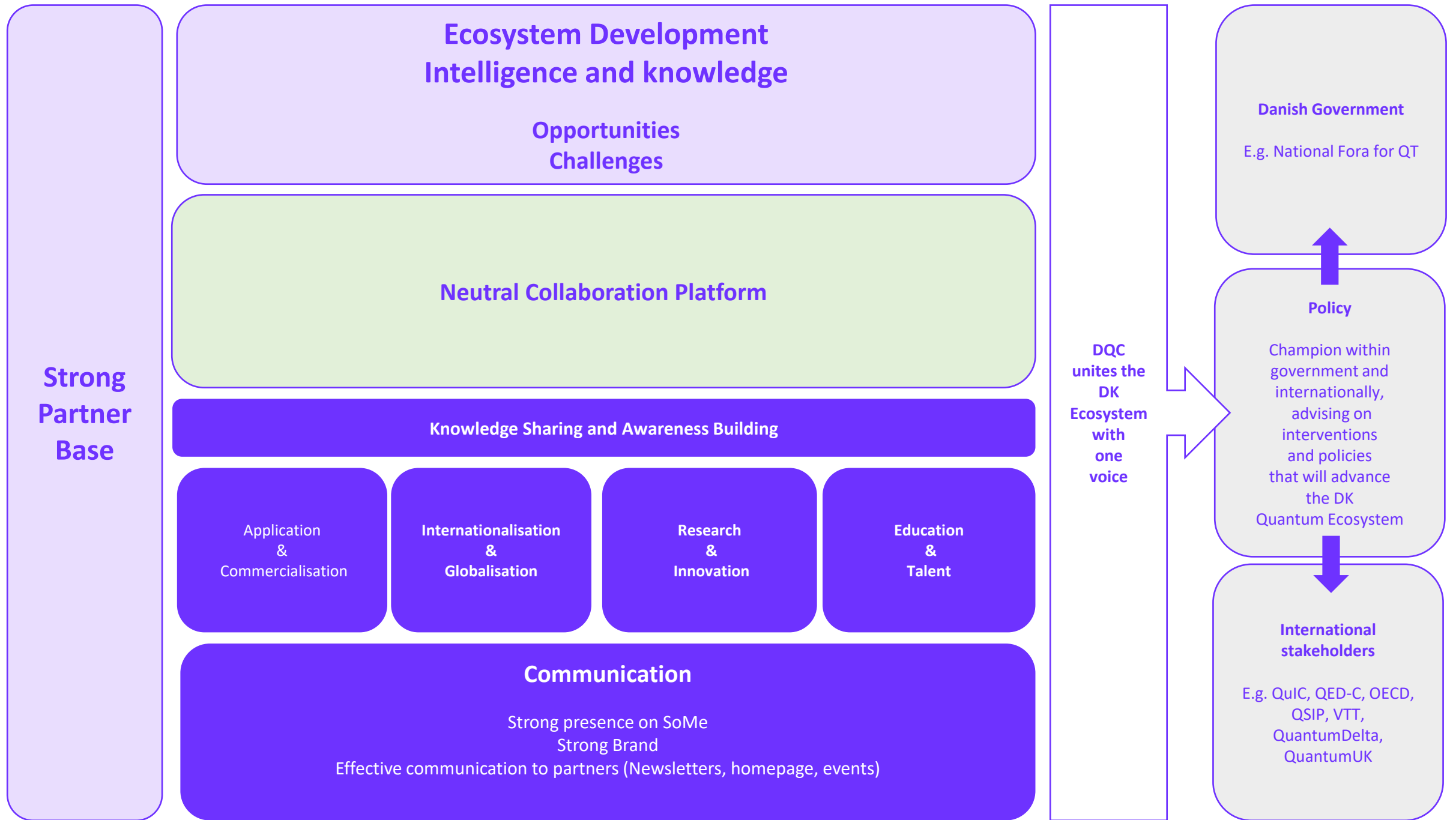


CRYPTOMATHIC

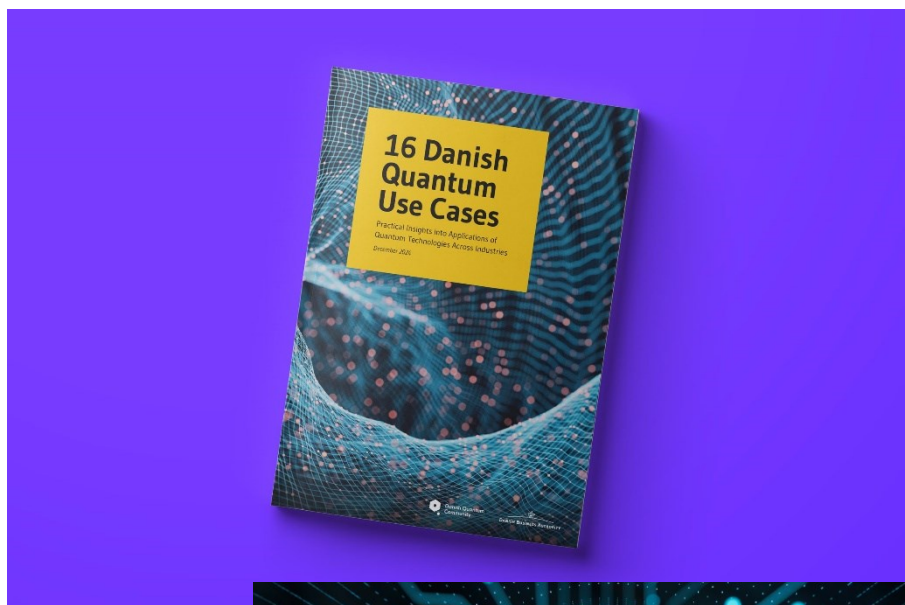
QT Companies (Computers + enabling)



TOPSiL



Awareness building for quantum readiness



Large DQC events



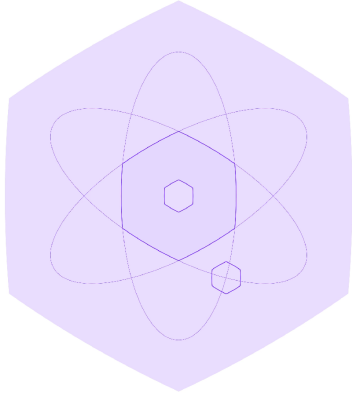
APRIL 8-9th 2025

2nd Annual DQC Scientific Quantum Conference



MAY 28th 2025

Quantum Industry Day



Thank you!

For more information please contact:

Kristine Helen Falgren, Managing Director, krf@dqc.dk



Swiss Quantum Agenda

Private and Public Approaches Jointly at Work

Webinar: Swiss-Danish Matchmaking on Quantum

May 6, 2025

Dr. Rebekka Garreis

Swiss Academy of Sciences (SCNAT)

Swiss Quantum Initiative (SQI)



Swiss Quantum Initiative



The so-called 2nd quantum revolution



The so-called 2nd quantum revolution



... partially “hype”

The so-called 2nd quantum revolution

SQL working definition

“Mastering quantum systems
on the individual quanta level
and engineered entanglement”

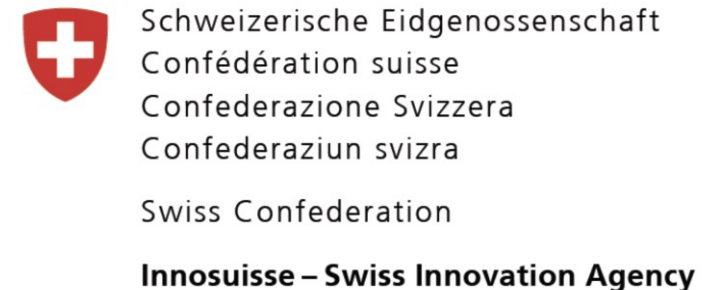


Swiss Quantum Initiative

The Swiss Quantum Initiative (SQI) is

- mandated by the Swiss Confederation via SERI,
- hosted by the Swiss Academy of Sciences SCNAT and
- coordinated and led by the Swiss Quantum Commission (SQC) on a voluntary basis

Cooperation with the Swiss National Science Foundation SNSF and Innosuisse



The SQC is in charge of identifying most important needs and crafting the national quantum strategy



Nicolas **Gisin** (president)
University of Geneva and CIT



Patrick **Maletinsky**
University of Basel



Kirsten **Moselund**
PSI Villingen



Wolfgang **Tittel**
University of Geneva and CIT



Jonathan **Home**
ETH Zurich



Alexandre **Pauchard**
CSEM, Neuchâtel



Thomas **Vidick**
EPFL



Esther **Hänggi**
Lucerne University of
Applied Sciences and Arts

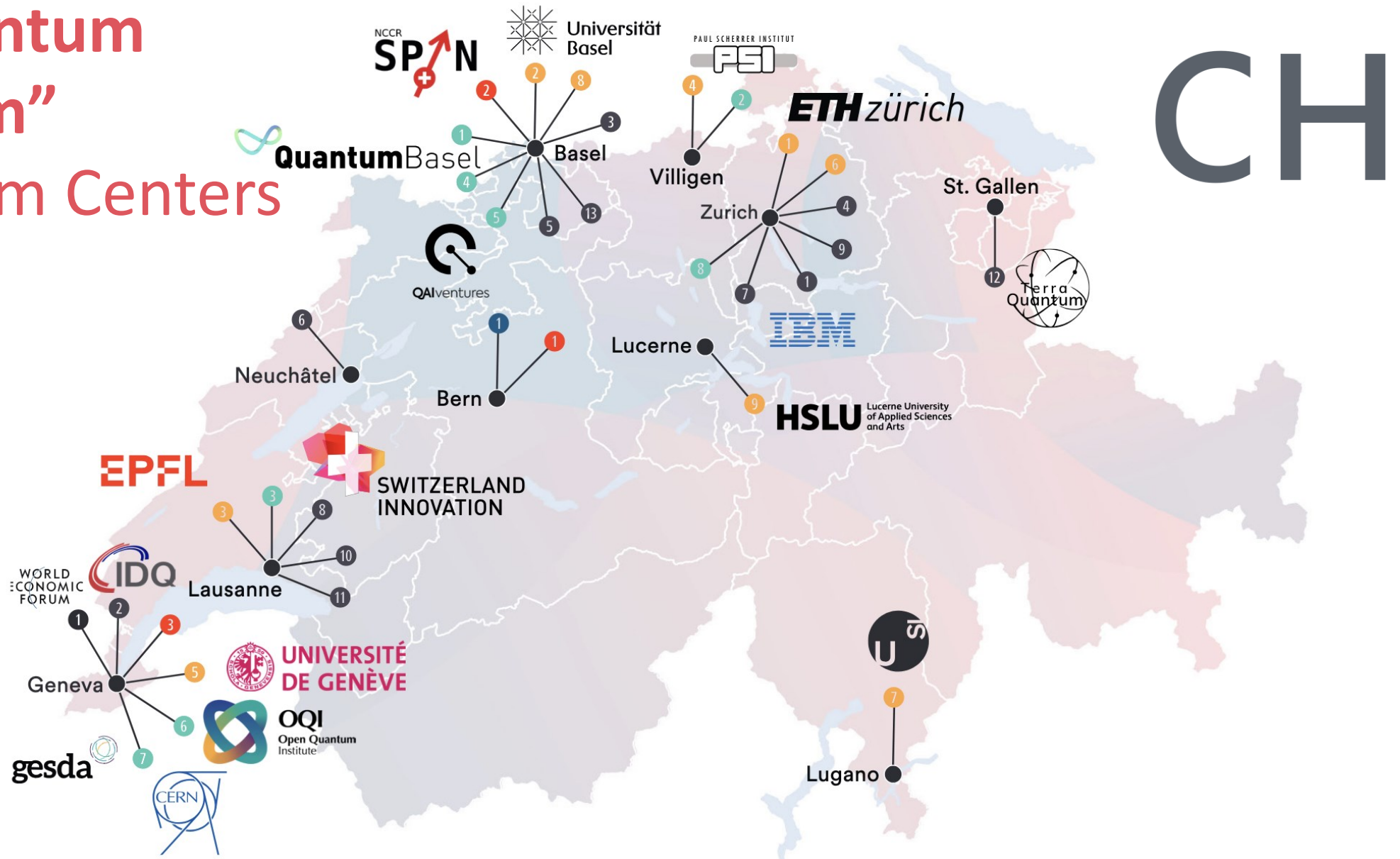


Heike E. **Riel**
IBM Rüschlikon

Swiss Quantum

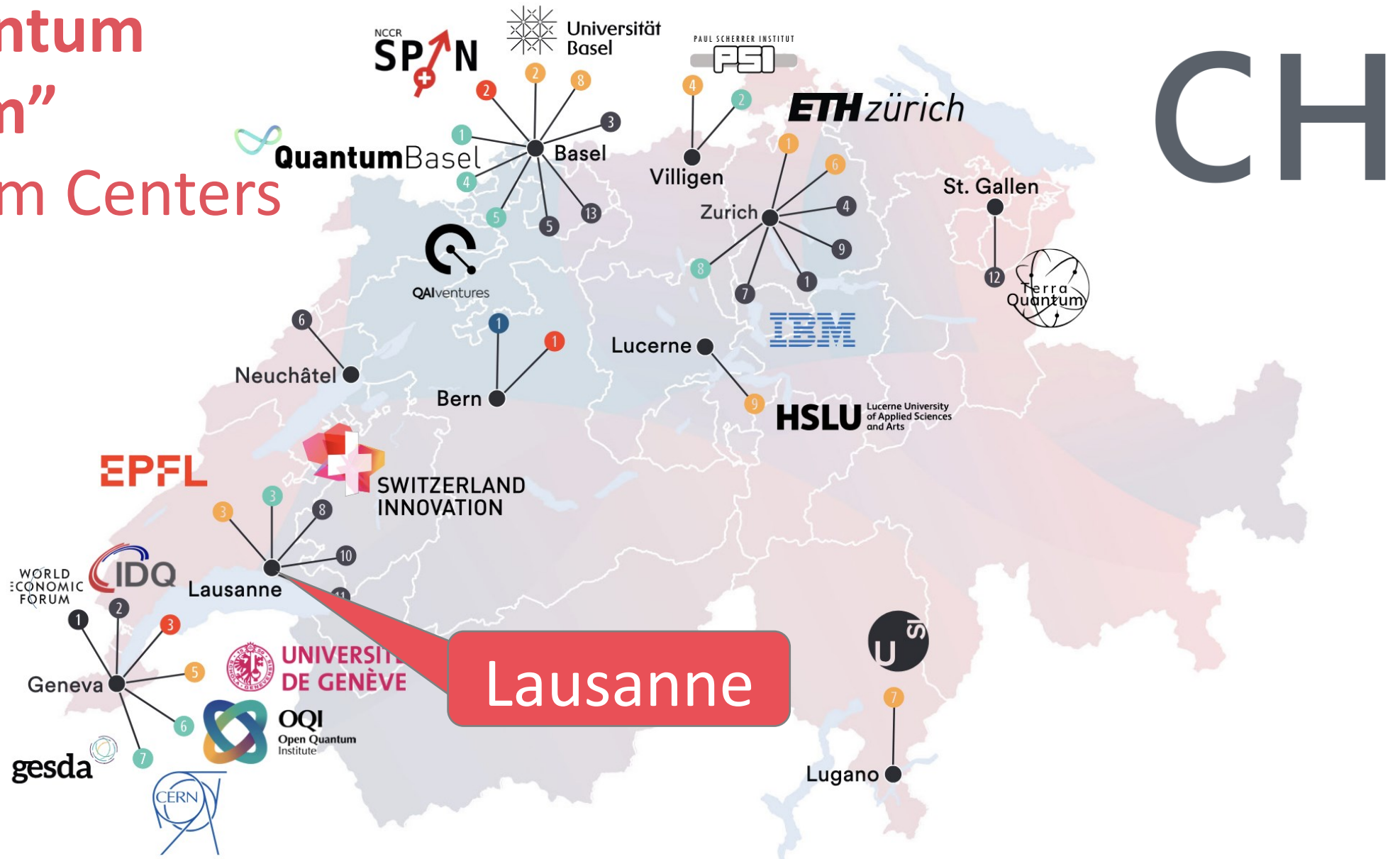
“Ecosystem”

➤ Quantum Centers



Swiss Quantum “Ecosystem”

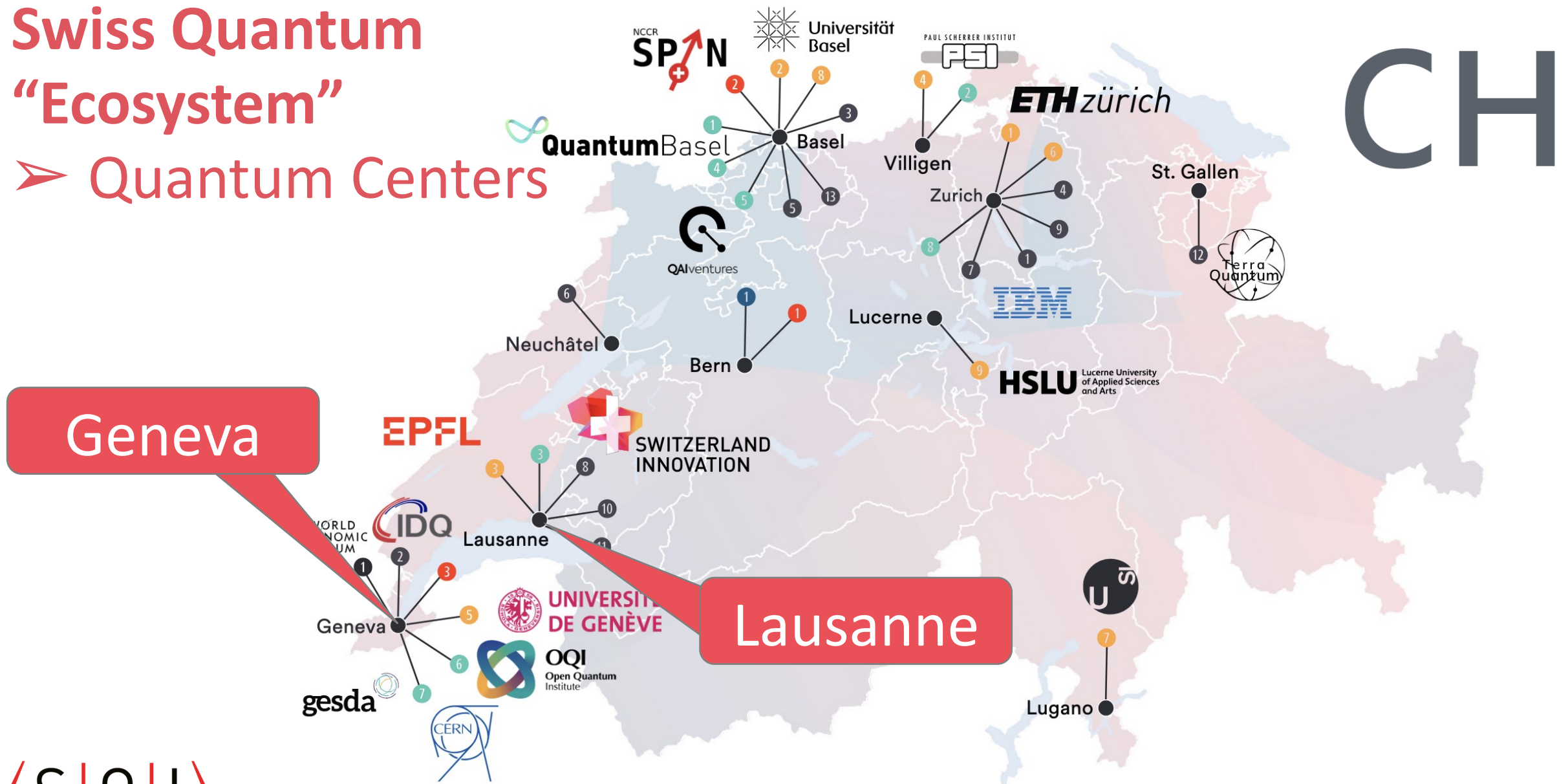
➤ Quantum Centers



Swiss Quantum

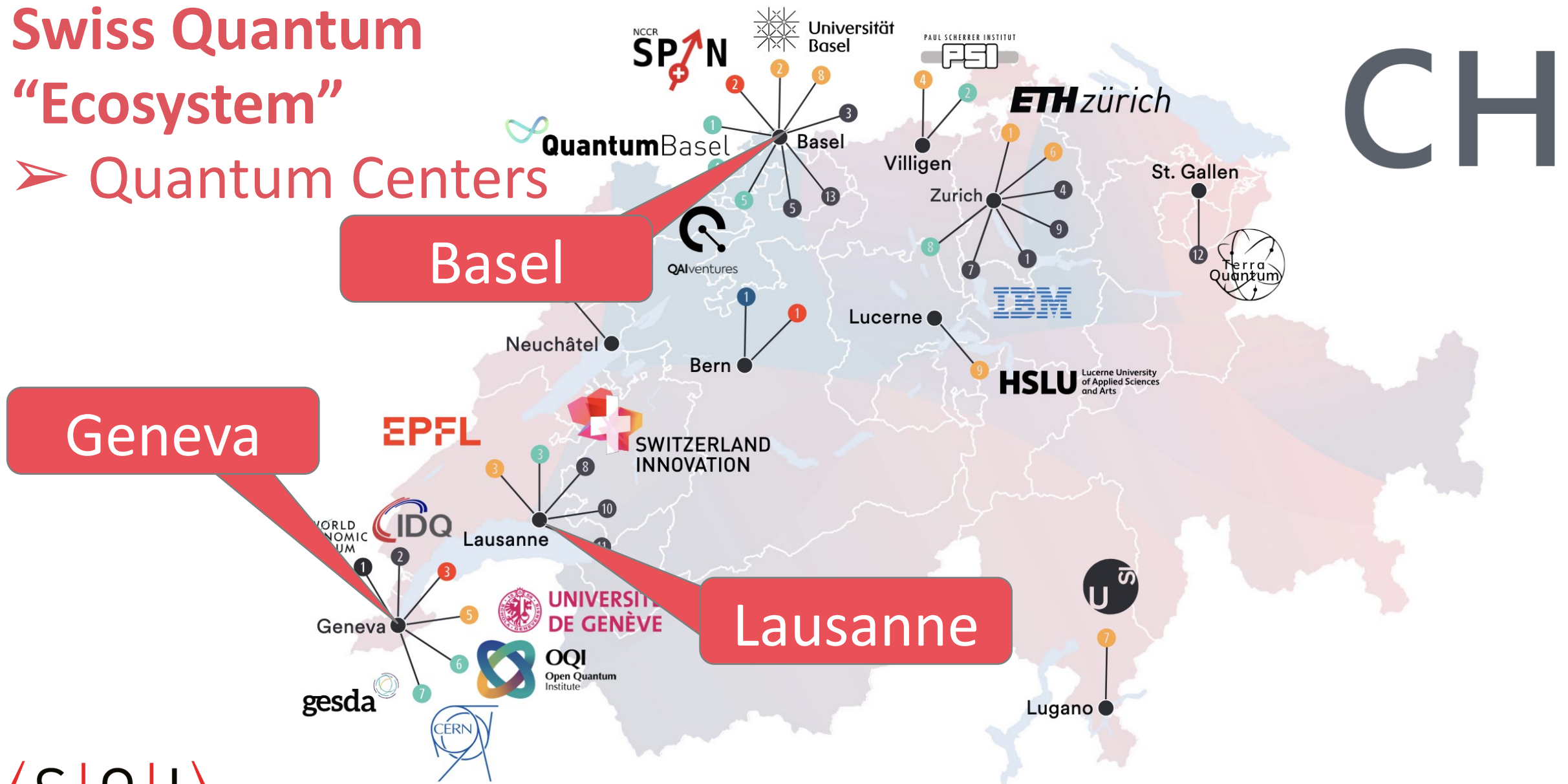
“Ecosystem”

➤ Quantum Centers



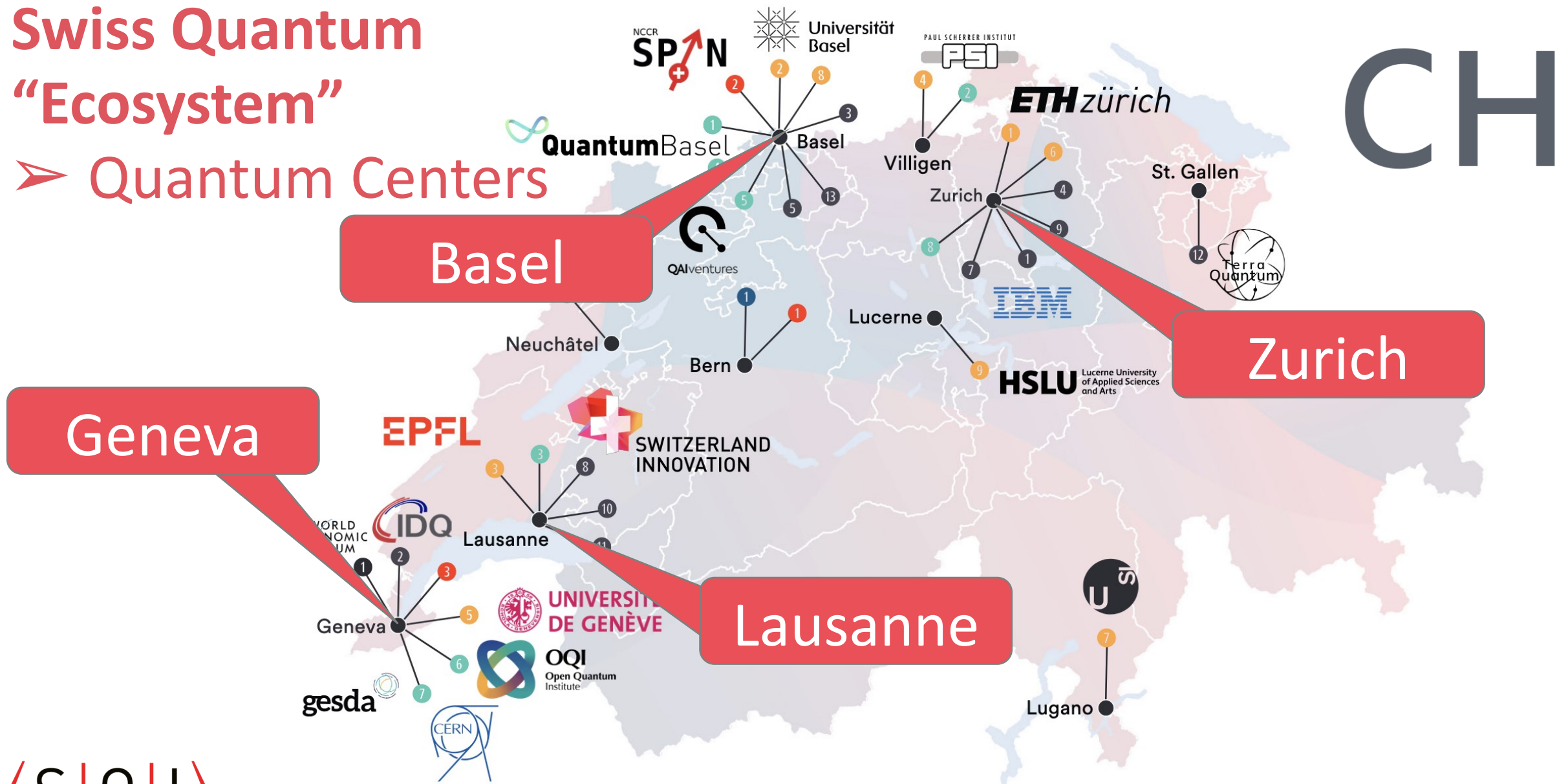
Swiss Quantum “Ecosystem”

➤ Quantum Centers



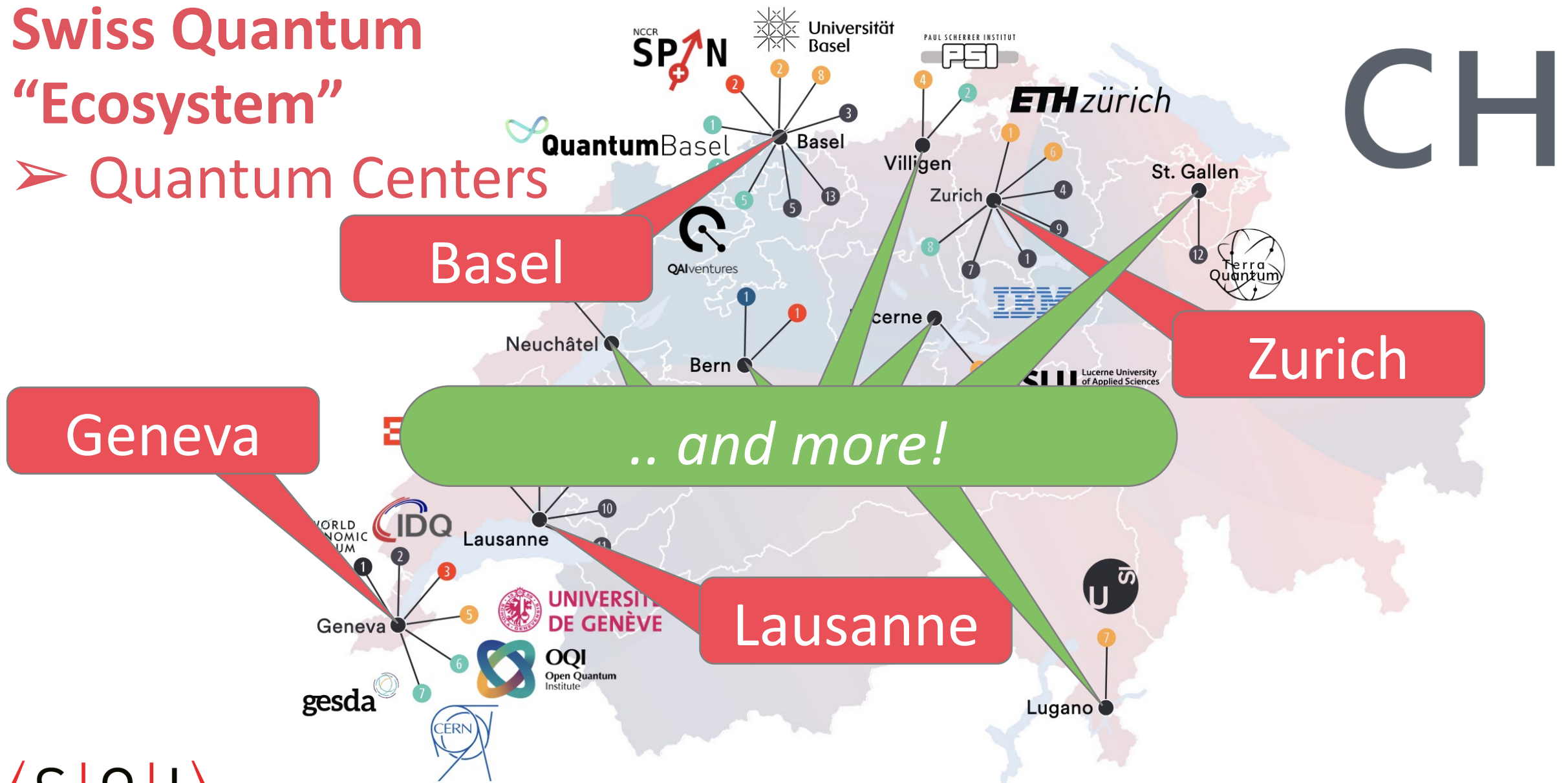
Swiss Quantum “Ecosystem”

➤ Quantum Centers



Swiss Quantum “Ecosystem”

➤ Quantum Centers



The field(s) of quantum

*Mastering quantum systems
on the individual quanta level and engineered entanglement*

The field(s) of quantum

*Mastering quantum systems
on the individual quanta level and engineered entanglement*

Fields of applied research and development

- Quantum communication
- Quantum computation
- Quantum simulation
- Quantum sensing and metrology

The field(s) of quantum

*Mastering quantum systems
on the individual quanta level and engineered entanglement*

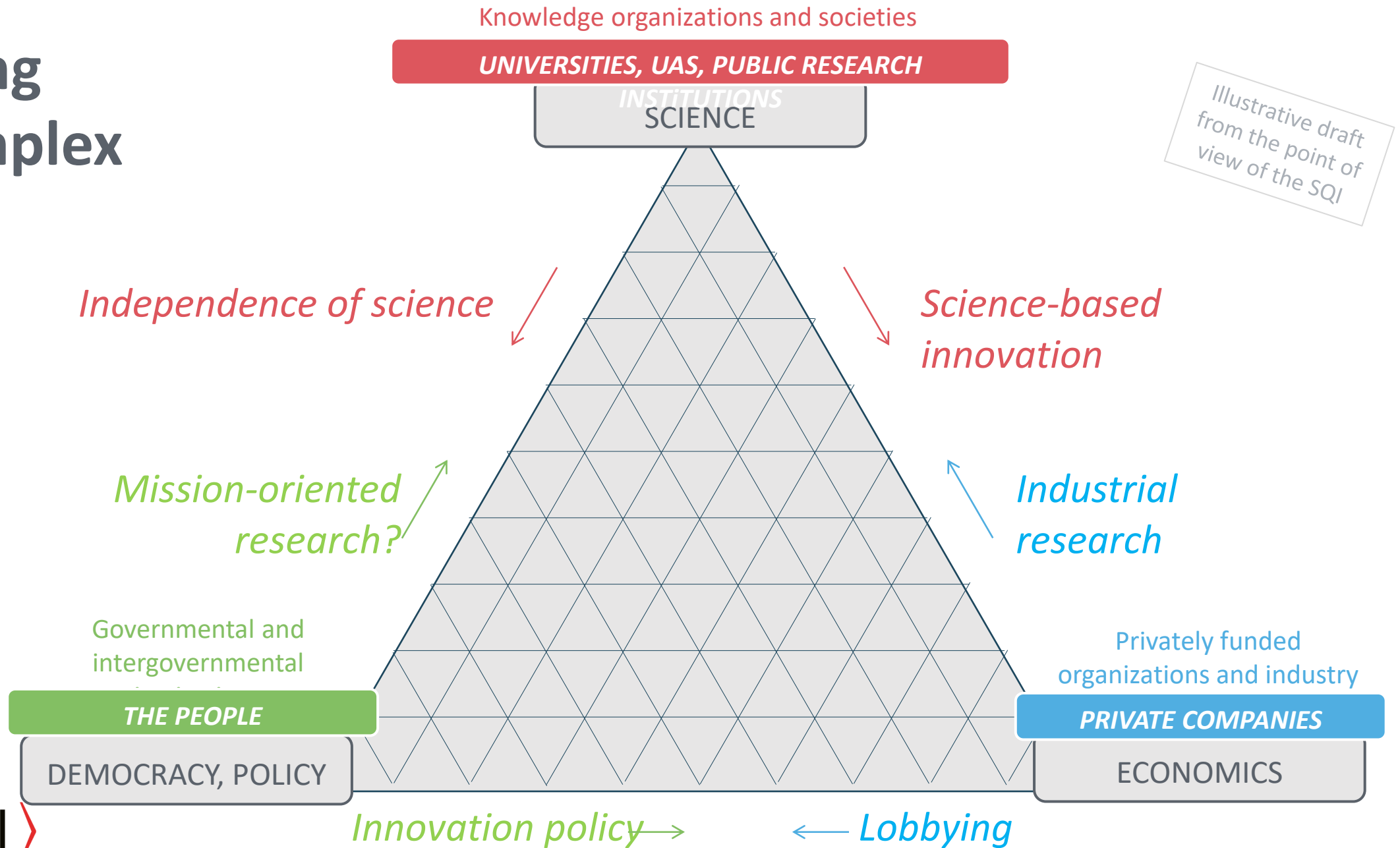
Fields of applied research and development

- Quantum communication
- Quantum computation
- Quantum simulation
- Quantum sensing and metrology

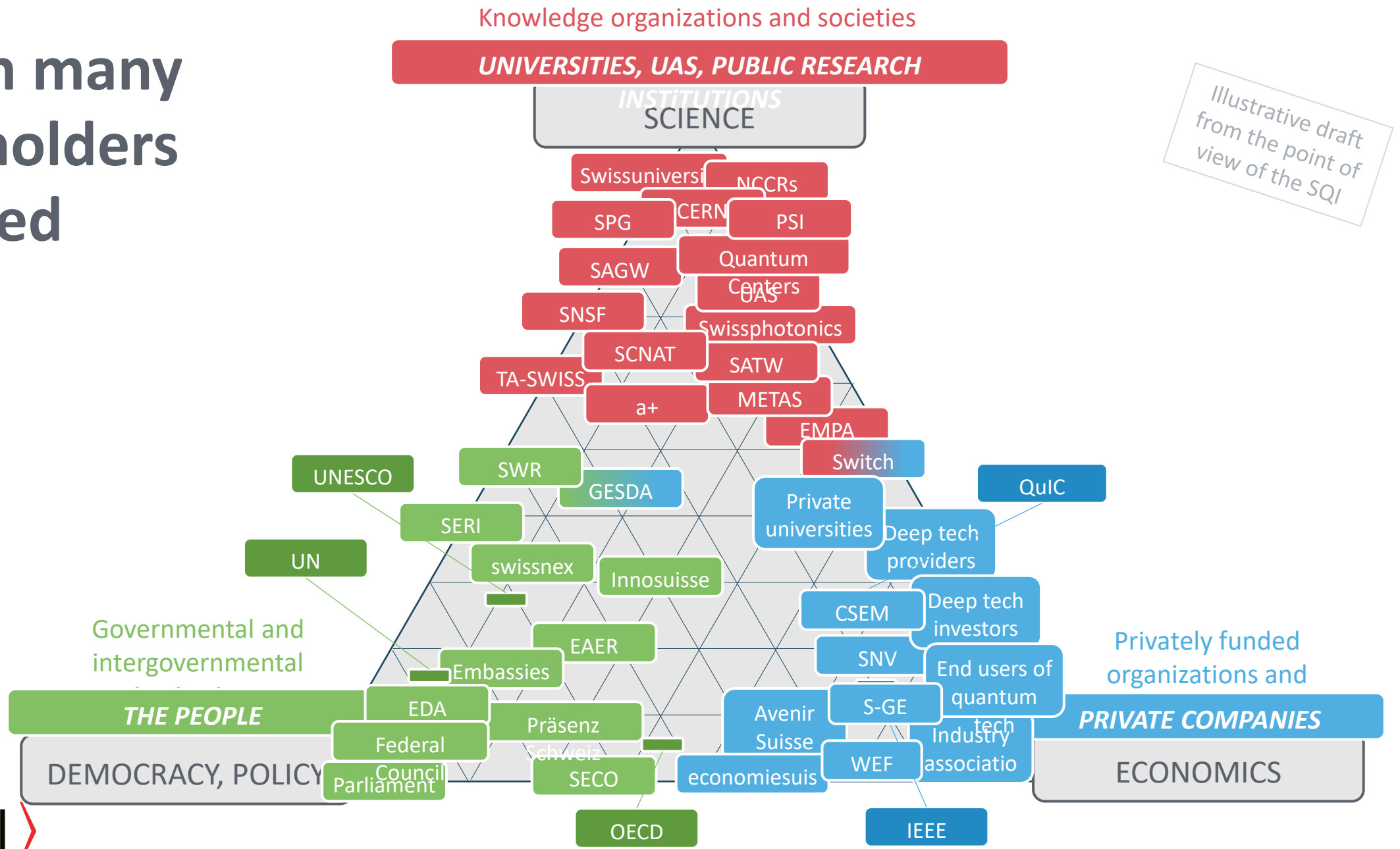
Fields with a cross-sectional or foundational character

- Materials for quantum technologies
- synthetic quantum materials exhibiting entanglement
- Quantum control hardware
- Computer sciences
- Quantum theory
- ...

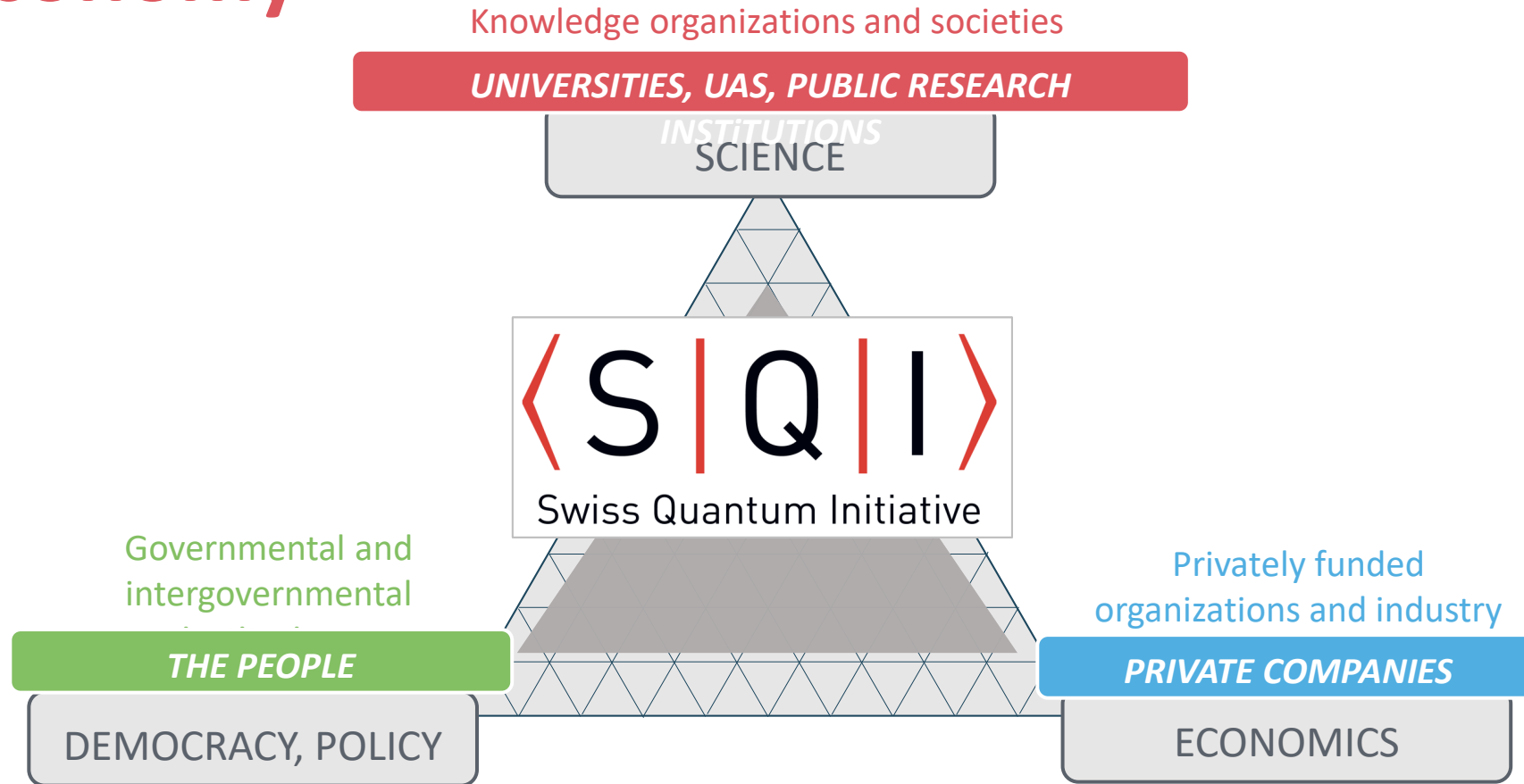
Exciting & complex



... with many stakeholders involved

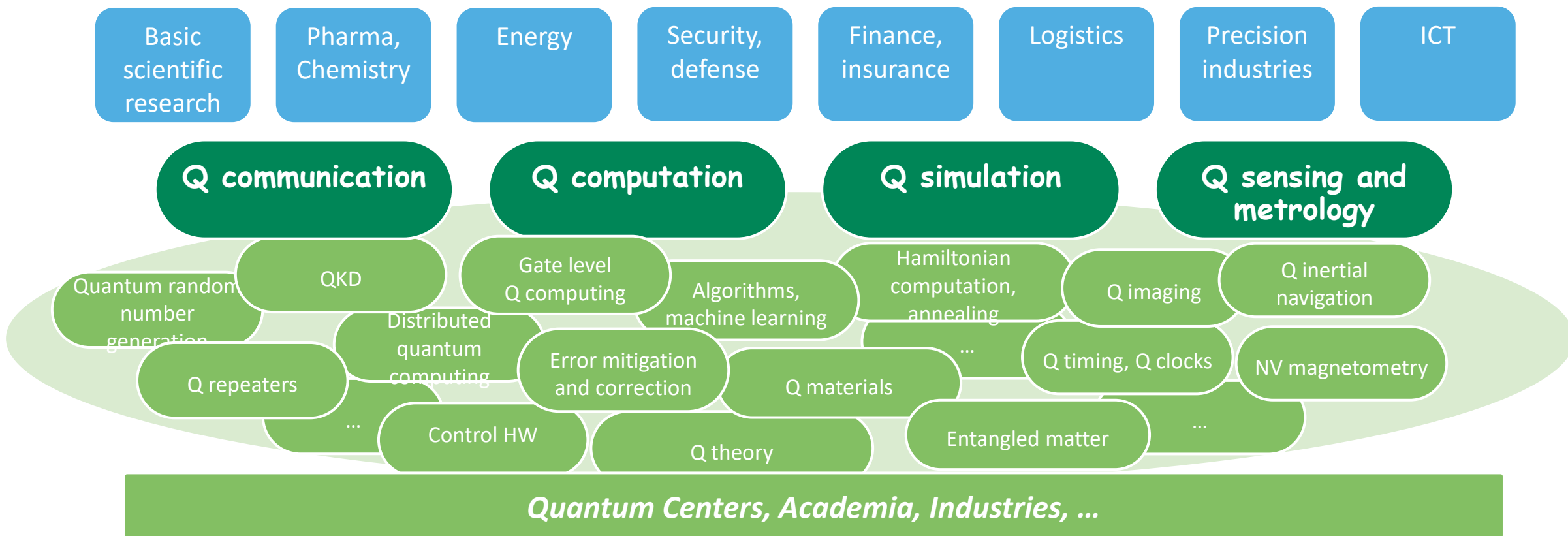


Embedded in democracy, science and the economy



SQL topic landscape

Illustrative



“Mastering quantum systems on the individual quanta level and engineered entanglement”

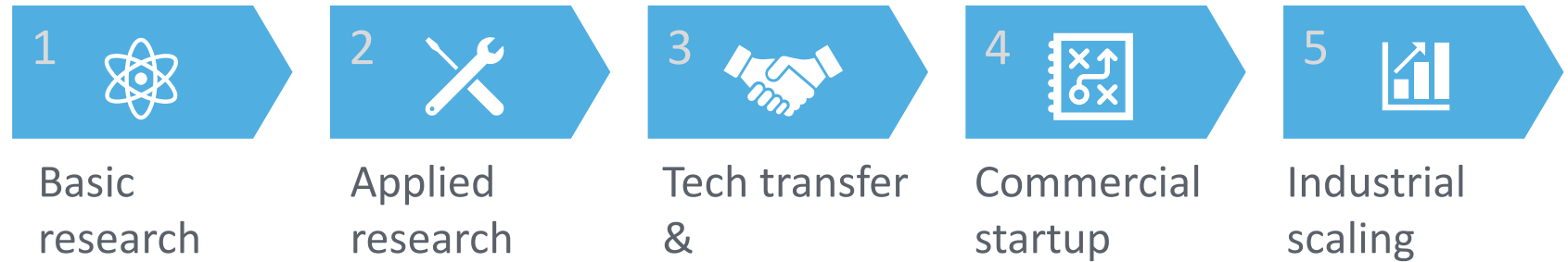
Specialties of the Swiss approach

- Cooperative governance
- Open and liberal market approach; no top-down industrial policy
- Curiosity-driven innovation
- “On top” national funding; complementing existing, decentral structures
- Long-term view

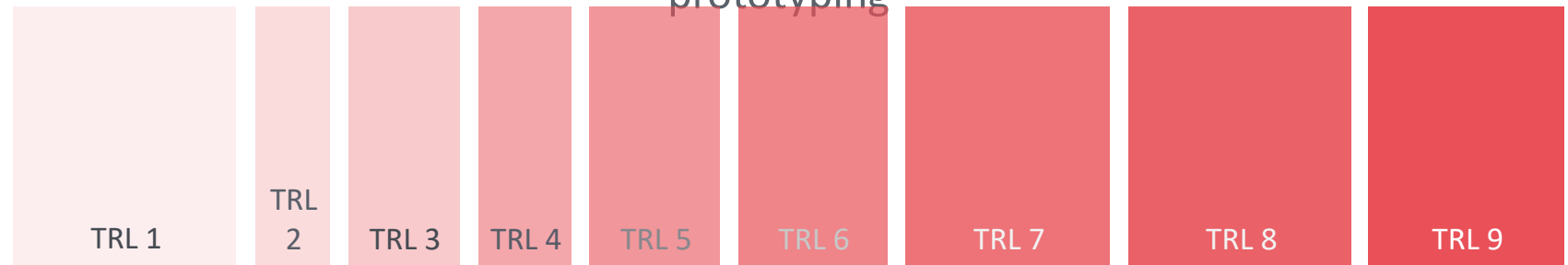
Honest and enthusiastic communication

Value chain, TRLs and typical investment stages

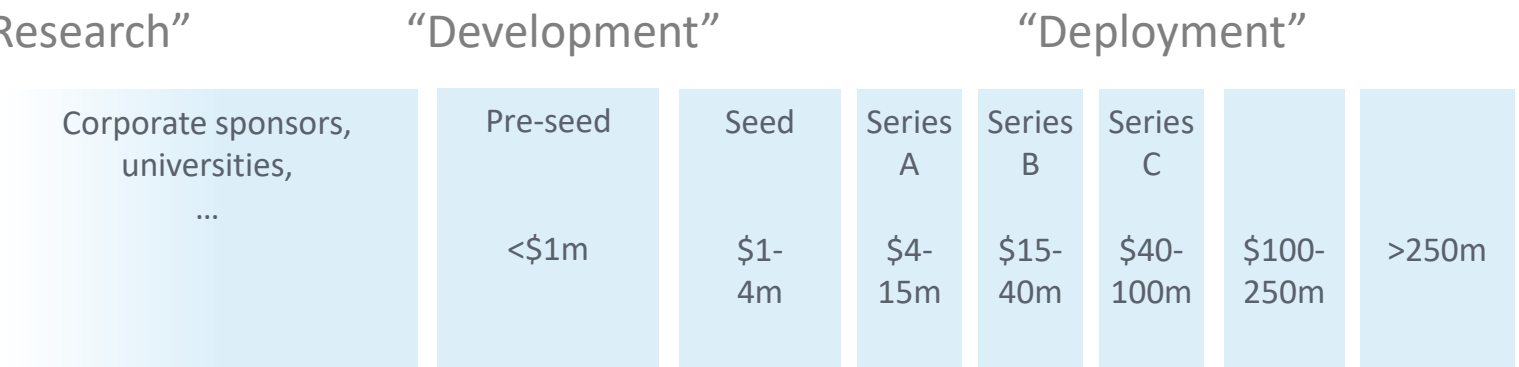
ILLUSTRATIVE



TRLs:
Technology Readiness Levels
(indication of typical steps;
variations in practice)



Investment stages:
(indication of typical steps;
variations in practice,
depending on technical area,
e.g. higher costs for quantum
computing HW)

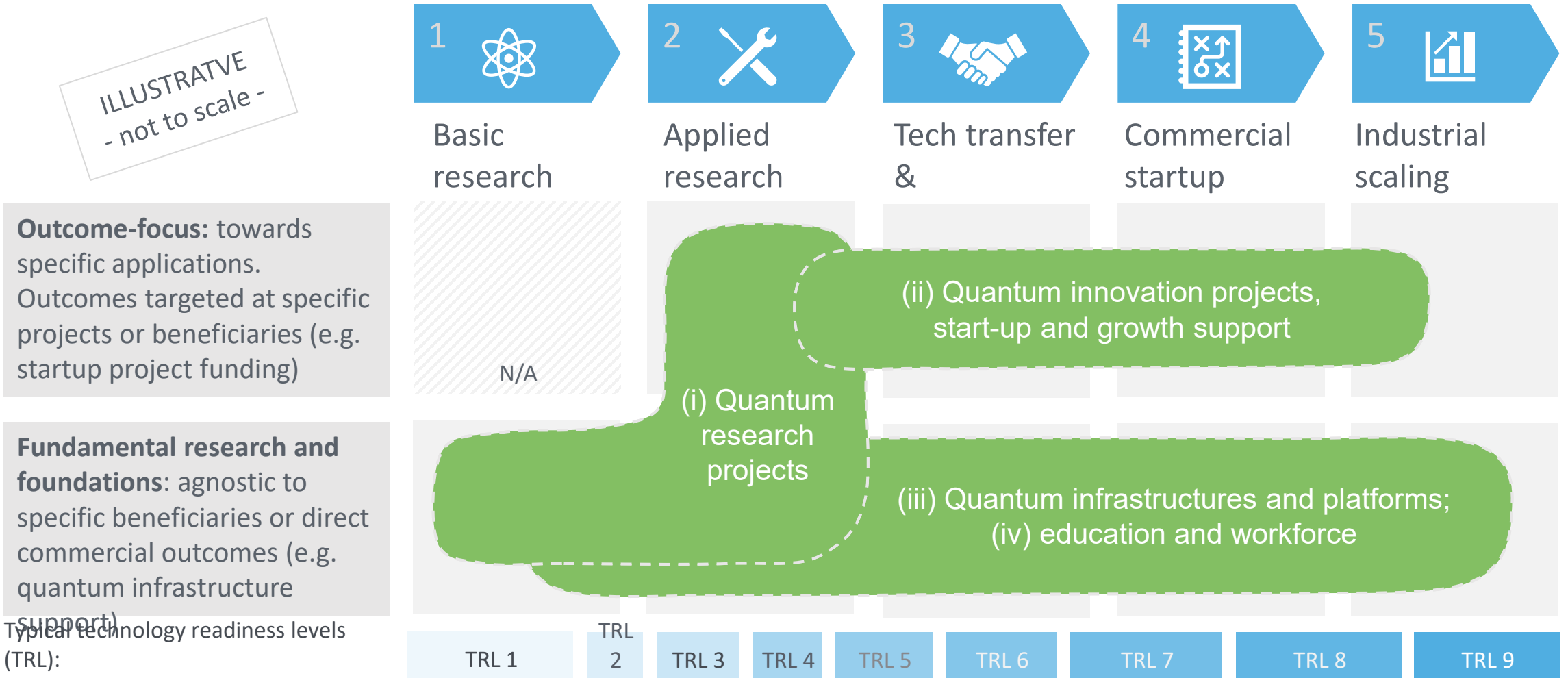


4 specific goals for the Swiss Quantum Initiative

- (i) **Promoting scientific research:** Breakthroughs in scientific discoveries
- (ii) **Fostering innovation:** Fertile environment for ideas and projects to grow and mature into solutions of industrial size
- (iii) **Developing infrastructures and platforms:** Connect quantum research to real-world applications with the goal to offer benefits for society and impact on the economy
- (iv) **Giving impulses for education and workforce:** Improve quantum literacy at all educational levels; in particular quantum engineering skills

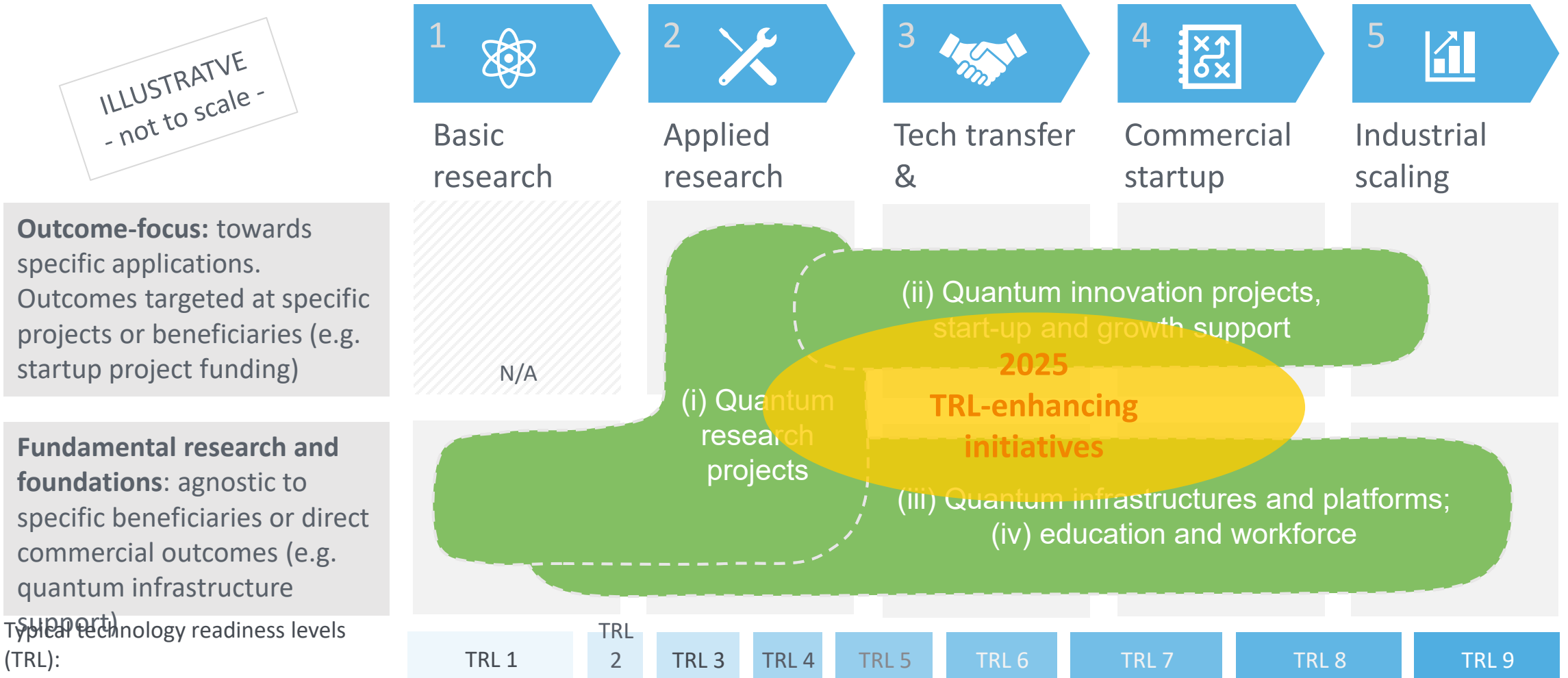
SQI main fields of action and funding

ILLUSTRATIVE
- not to scale -



SQI main fields of action and funding

ILLUSTRATIVE
- not to scale -



SQC recommendations for 2025-2028 (selection)

- Overall, we are (still) in a time that calls for more **curiosity-driven research and innovation**

SQC recommendations for 2025-2028 (selection)

- Overall, we are (still) in a time that calls for more **curiosity-driven research and innovation**
- SQI funding for **scientific research** in 2025-28 should be bundled into **one larger call**, ca. in 2027

SQC recommendations for 2025-2028 (selection)

- Overall, we are (still) in a time that calls for more **curiosity-driven research and innovation**
- SQI funding for **scientific research** in 2025-28 should be bundled into **one larger call**, ca. in 2027
- Significant attention should be given to **mid-TRL enhancing projects**, infrastructures and platforms for quantum

SQC recommendations for 2025-2028 (selection)

- Overall, we are (still) in a time that calls for more **curiosity-driven research and innovation**
- SQI funding for **scientific research** in 2025-28 should be bundled into **one larger call**, ca. in 2027
- Significant attention should be given to **mid-TRL enhancing projects**, infrastructures and platforms for quantum
- There is a need to **support innovation** and **young companies** without interfering excessively in market dynamics with taxpayers' money

Science Diplomacy and More

Geneva Science and Diplomacy Anticipator (GESDA) Use the Future to Build the Present

A multilateral initiative mobilising scientists, diplomats, the private sector, philanthropy and citizens to use science anticipation for global action.

About GESDA >

Science Diplomacy and More



Science Diplomacy and More



Swiss Quantum Week brings together academia, industry, policymakers, and the general public through a weeklong series of specialized events from October 13-19 to build bridges and grow the Swiss and global quantum ecosystem as part of the UNESCO International Year of Quantum Science and Technology 2025.

Finally, clarifying some Swiss stereotypes ...

CH

“We do not have emotions. We have money.” ¹⁾

Finally, clarifying some Swiss stereotypes ...

CH

“We do not have emotions. We have money.” ¹⁾

1) Source: Hazel Brugger, Swiss comedian

Finally, clarifying some Swiss stereotypes ...

CH

“We ~~do~~ not have emotions. We have money.” ¹⁾

1) Source: Hazel Brugger, Swiss comedian

Finally, clarifying some Swiss stereotypes ...

CH

“We ~~do~~ not have emotions. We have money.” ¹⁾

***We are* passionate about quantum.**

1) Source: Hazel Brugger, Swiss comedian

Thank you

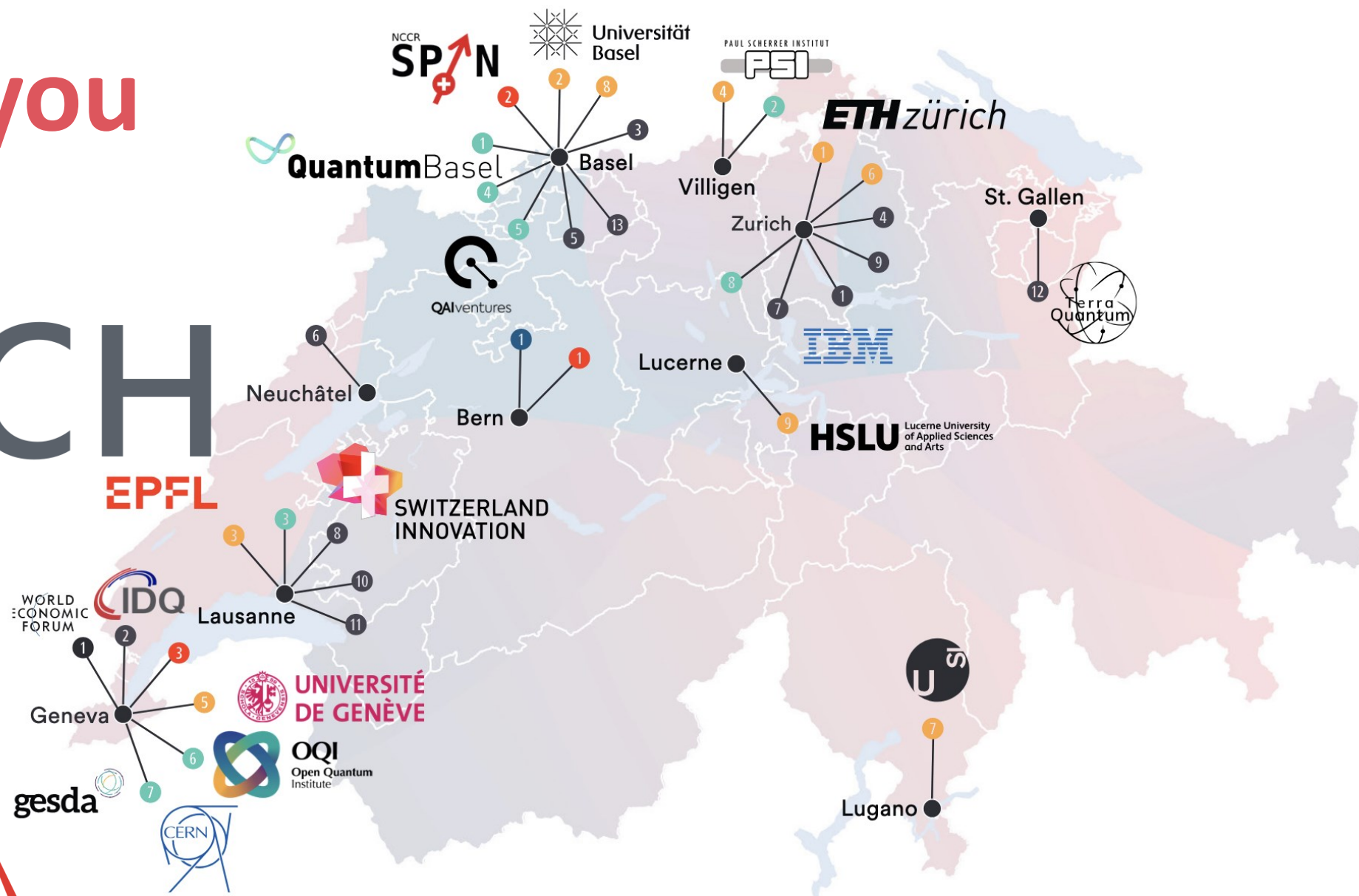


CH

EPFL



Swiss Quantum Initiative



Swiss Quantum Initiative (SQI) · Swiss-Danish Matchmaking on Quantum · May 6, 2025

Contact

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Swiss Quantum Initiative

rebekka.garreis@scnat.ch

Swiss Academy of Sciences (SCNAT)

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quantum.scnat.ch



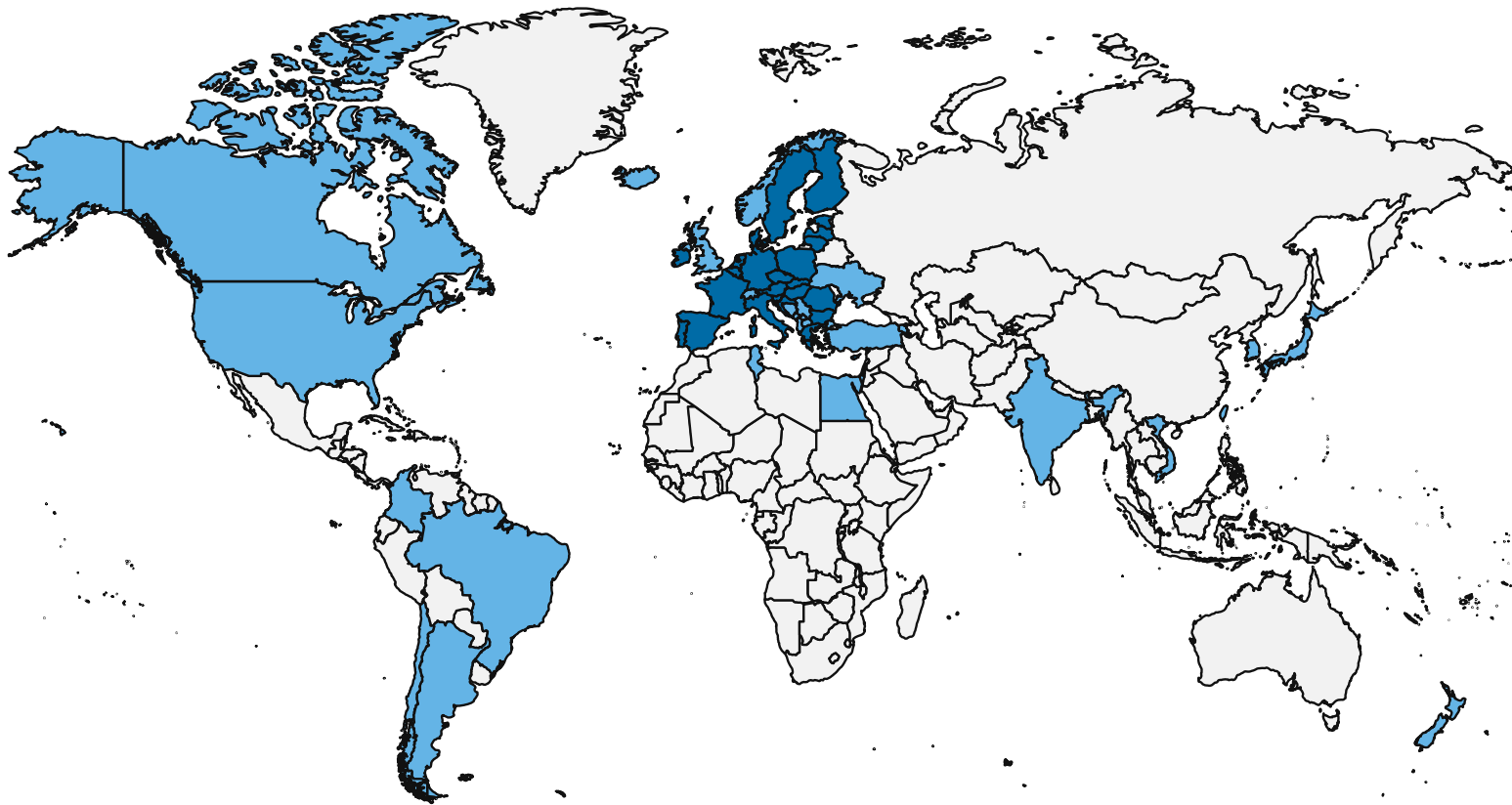


Enterprise Europe Network Swiss-Danish Matchmaking on Quantum

Aija Konisevska Azadi
EEN Denmark

The world's largest support
Network for innovative SMEs
with international ambitions





EU-27

- ♦ Austria
- ♦ Belgium
- ♦ Bulgaria
- ♦ Croatia
- ♦ Cyprus
- ♦ Czechia
- ♦ Denmark
- ♦ Estonia
- ♦ Finland
- ♦ France
- ♦ Germany
- ♦ Greece
- ♦ Hungary
- ♦ Ireland
- ♦ Italy
- ♦ Latvia
- ♦ Lithuania
- ♦ Luxembourg
- ♦ Malta
- ♦ Netherlands
- ♦ Poland
- ♦ Portugal

- ♦ Romania
- ♦ Slovakia
- ♦ Slovenia
- ♦ Spain
- ♦ Sweden

International

- ♦ Albania
- ♦ Argentina
- ♦ Armenia
- ♦ Bosnia and Herzegovina
- ♦ Brazil
- ♦ Canada
- ♦ Chile
- ♦ Colombia
- ♦ Egypt
- ♦ Iceland
- ♦ India
- ♦ Israel
- ♦ Japan
- ♦ Korea

- ♦ Kosovo
- ♦ Moldova
- ♦ Montenegro
- ♦ New Zealand
- ♦ Northern Macedonia
- ♦ Norway
- ♦ Serbia
- ♦ Singapore
- ♦ Switzerland
- ♦ Taiwan
- ♦ Tunisia
- ♦ Türkiye
- ♦ Ukraine
- ♦ United Kingdom
- ♦ United States
- ♦ Vietnam

Disclaimer: Some countries' agreements might still be in process of being signed

An open Network



Coordination

We bring together and coordinate regional perspectives to provide better services to our local partners and clients



Synergies

We foster synergies with regional, national and European business support ecosystems to better support SMEs



Cooperation

We work in close cooperation with key stakeholders, European programmes and initiatives

Partnering

Helping to find the right
partners worldwide



Identify and meet potential partners

- Use the b2match platform to identify and meet potential project partners;
- Create a strong networking profile;
- Add marketplace opportunities to showcase what you can offer to other participants or what you are looking for;
- Search for relevant partners and book meetings;
- Check the "TOP MATCHES" section for meeting recommendations;



Create a strong profile

- Update your own profile with your personal information, picture and with information (logo) regarding your company /host organization;
- **Add project cooperation opportunity in the Marketplace:** Describe your project idea, aim of the project, the expertise and type of partner sought;
- Strong profiles facilitate the partner search and meeting requests on the platform...



Aija Konisevskā Azadi

Senior Project Manager
North Denmark EU-Office
Aalborg Ø, Denmark

2 profile visits

Aija helps companies and organizations with partner searches, application feedback and project pool screenings for innovative project ideas.

MY ORGANISATION

ABOUT ME

OPPORTUNITIES

My organisation

Manage



North Denmark EU-Office

Other
Aalborg Ø, Denmark

North Denmark EU-Office is an association servicing the Region of North Denmark, its 11 municipalities, the Greenlandic Sermersooq municipality, Aalborg University and University College North Denmark as well as the SMEs of the region. The office has two departments, one located in North Denmark and another close to the European institutions in Brussels. Our main goal is to achieve the development...
[Read more](#)

About me

Edit

Aija Konisevskā Azadi is a Senior Project Manager at the North Denmark EU Office, where she coordinates the Enterprise Europe Network (EEN) in Denmark. In her role, she facilitates collaborations between small and medium-sized enterprises (SMEs), academic institutions, and public entities, focusing on partner searches, application feedback, and project idea screenings.

Aija is a Deputy-chair of SG Tourism. Through her extensive experience, Aija has been instrumental in assisting organizations with fundraising efforts, particularly under the Horizon Europe program. Her expertise encompasses technology offers and requests, facilitating partnerships that drive innovation and development. Her involvement in events like SustainableSolutionsMatch 2025 demonstrates her commitment to fostering sustainable solutions through international collaboration. **Event platform built for networking.**

Aija's dedication to bridging the gap between SMEs, academia, and public institutions positions her as a valuable contributor to initiatives in technologies and other advanced fields. Her efforts continue to support the growth and competitiveness of Danish enterprises on the global stage.

SOCIAL MEDIA

f in

Marketplace (1)

Manage opportunities



Service

Enterprise Europe Network Denmark Support for Horizon Europe: Appli...
EEN can help you to establish cooperation with foreign companies and research institutions around the world!

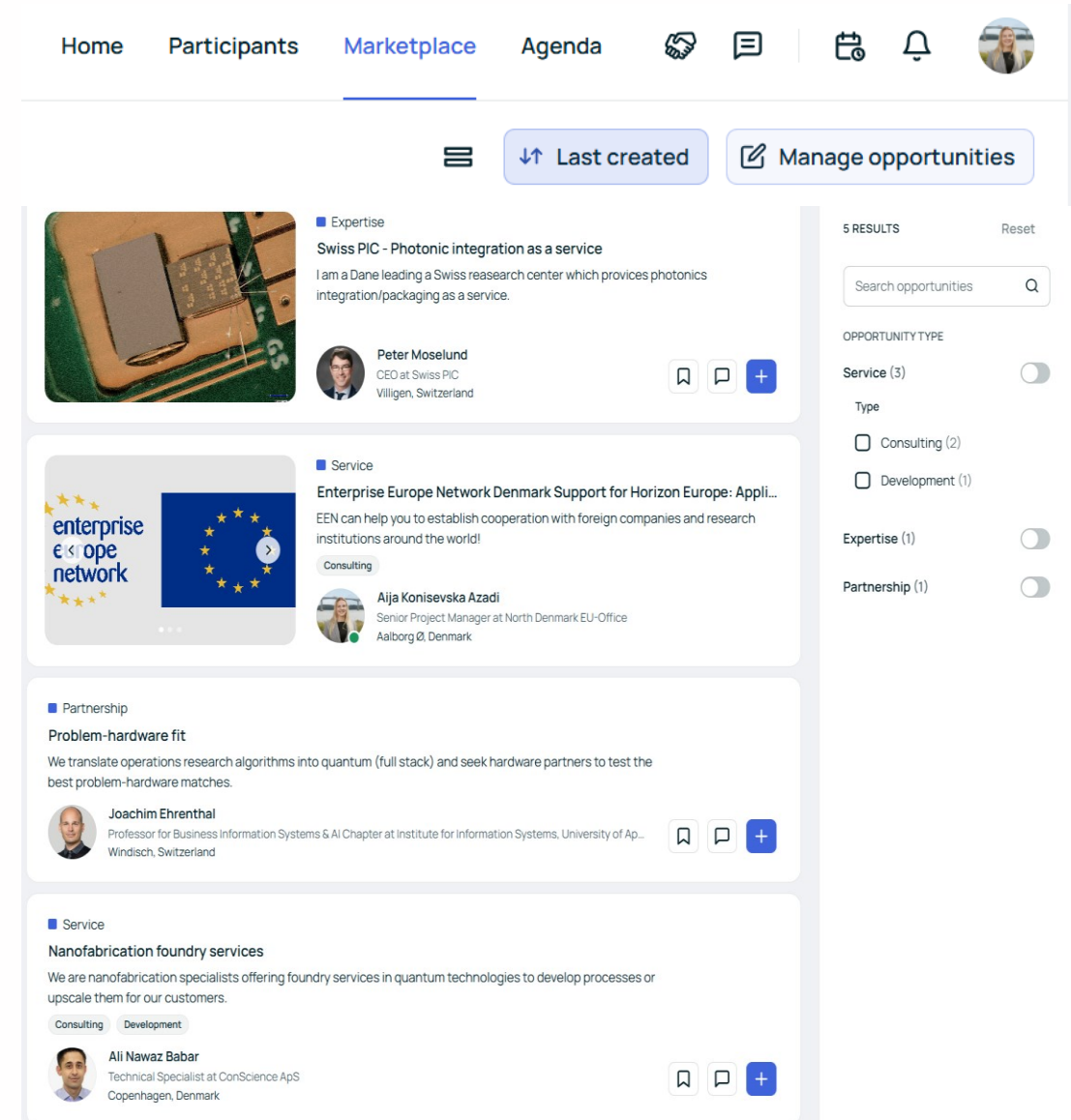
Consulting



Aija Konisevskā Azadi
Senior Project Manager at North Denmark EU-Office
Aalborg Ø, Denmark

Project cooperation – find project partners

- Check cooperation opportunities in the Marketplace;
- Apply filters to find relevant opportunities;
- Click message icon to send messages to participants;
- Click "+" to send meeting requests;
- Check "**How it works**" section on the page;




The screenshot shows the 'Marketplace' section of the Enterprise Europe Network website. The top navigation bar includes 'Home', 'Participants', 'Marketplace' (active), 'Agenda', and icons for a handshake, chat, calendar, and notifications. A user profile picture is in the top right corner.


Below the navigation bar, there are two buttons: 'Last created' (with a double arrow icon) and 'Manage opportunities' (with a pencil icon). A hamburger menu icon is also present.

The main content area displays a list of opportunities, each with a thumbnail image, a title, a description, and a contact person. The first opportunity is 'Swiss PIC - Photonic integration as a service' by Peter Moselund, CEO at Swiss PIC, Villigen, Switzerland. The second is 'Enterprise Europe Network Denmark Support for Horizon Europe: Appli...' by Aija Konisevska Azadi, Senior Project Manager at North Denmark EU-Office, Aalborg Ø, Denmark. The third is 'Problem-hardware fit' by Joachim Ehrental, Professor for Business Information Systems & AI Chapter at Institute for Information Systems, University of Applied Sciences, Windisch, Switzerland. The fourth is 'Nanofabrication foundry services' by Ali Nawaz Babar, Technical Specialist at ConScience ApS, Copenhagen, Denmark.

On the right side, there is a filter panel titled '5 RESULTS' with a 'Reset' link. It includes a search bar 'Search opportunities' and a section 'OPPORTUNITY TYPE' with toggle switches for 'Service (3)', 'Type' (with sub-options 'Consulting (2)' and 'Development (1)'), 'Expertise (1)', and 'Partnership (1)'.


How to search for relevant partners and book meetings

 You can request meetings until 26 June 2025, 23:59.




Isabelle Spühler
 National Contact Point
 Bern, BE, Switzerland
 Euresearch >

As one of the Swiss National Contact Points for the MSCA I am happy to inform and advise how Swiss entities can participate and submit MSCA applications.




Sune Kaur-Pedersen
 Deputy HLR, Senior Adviser
 Copenhagen, Denmark
 Ministry of Higher Education and Science >

responsible for Denmark's international collaboration related to research infrastructures and multilateral programmes in Europe




Martin Kern
 scientific advisor
 Berne, BE, Switzerland
 SERI >

Changed sides 15 years ago, but deep in my heart I'm still passionate about physics and nature - always happy to support your R&I work from the admin side!




Inès Rossetti
 Innovation & Technology Advisor, Enterprise Europe Network Switzerland
 Bern, Switzerland
 Innosuisse >



Eva Bøgelund
 National Contact Point for Digital (Cluster 4) and Energy (Cluster 5)
 Euresearch >


As a Swiss National Contact Point for Digital, I advise Swiss entities on participation and proposals for digital topics under Horizon Europe Cluster 4.



Anna Degn Johansen

87 RESULTS

Reset

☐  Denmark (41)

ORGANISATION TYPES

☐ Academic (40)
 ☐ Other (28)
 ☐ SME (6)
 ☐ Large company (6)
 ☐ Start-up (5)

AREAS OF ACTIVITY

R&I category

☐ Applied research (57)
 ☐ Fundamental research (41)
 ☐ Commercialisation (27)

Research Interest

☐ Experimental quantum physics, photonics (44)
 ☐ Quantum Materials (43)
 ☐ Quantum Sensing (36)
 ☐ Quantum Communication (34)
 ☐ Quantum theory (29)

[Show all 9](#)

Funding schemes

☐ National Funding Schemes (40)

Be proactive, professional and respect other participants' time

- Click "handshake icon" to check your upcoming meetings;
- Click "message icon" to check for conversations with other participants;
- Click "schedule icon" for upcoming meetings;
- Click "notifications icon" to check on any new activities;
- Cancel or re-schedule your meetings if needed;
- Subscribe to calendar to sync all sessions and scheduled meetings with your personal calendar;

p

Thank you

Follow us @EEN_EU



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<https://swisseen.ch/en/>



Anders Skeem

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een.ec.europa.eu



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency



Food & Bio Cluster
Denmark

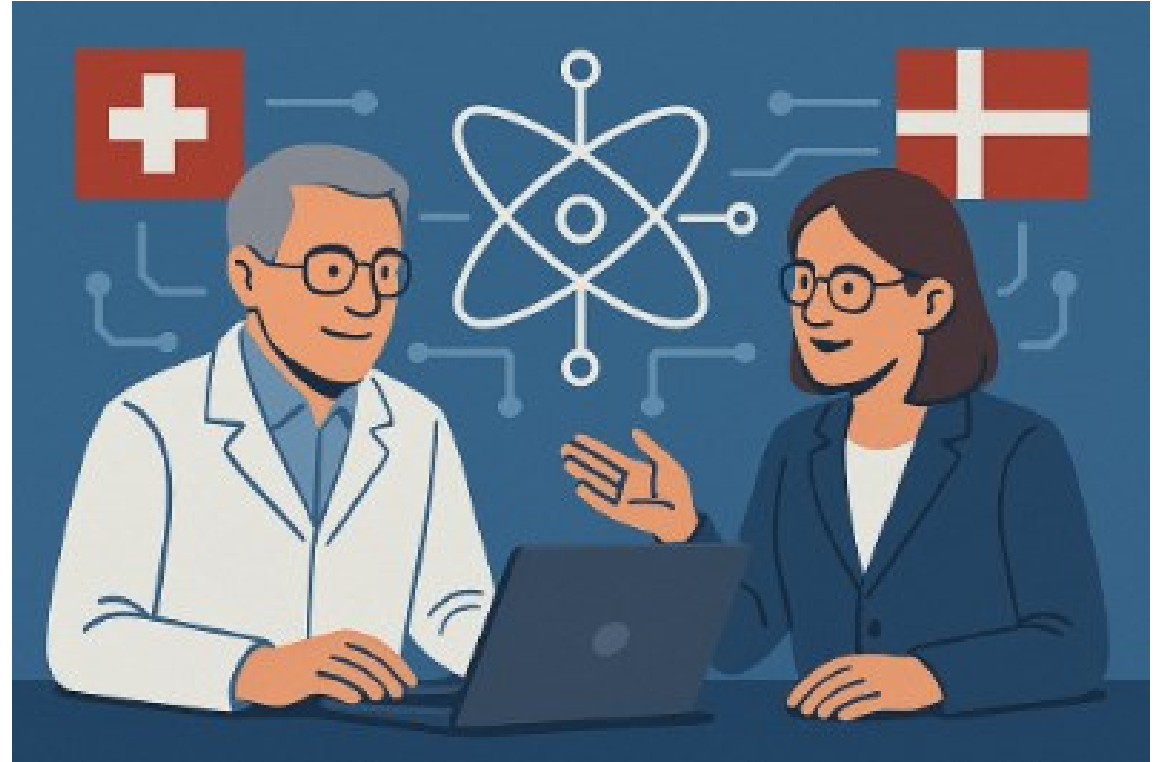


NORTH DENMARK
EU-OFFICE
North Denmark-Brussels



Thank you!

Let's entangle!



$$| \text{research} \rangle_{\text{CH}} \otimes | \text{innovation} \rangle_{\text{DK}} + | \text{innovation} \rangle_{\text{CH}} \otimes | \text{research} \rangle_{\text{DK}}$$