

Press release

Qendra obtains CHF 150,000 from Venture Kick to enable scalable control systems for quantum computing

St.Gallen/Zurich/Lausanne, April 27, 2026 — The ETH spin-off Qendra has obtained CHF 150,000 from Venture Kick to improve how advanced quantum computing experiments are coordinated and operated. The solution aims to make these systems more reliable and easier to scale, supporting the next generation of this emerging technology.

Quantum computers are expected to transform fields such as drug discovery, logistics, and climate modelling. However, leading approaches such as trapped-ion and neutral-atom systems rely on complex experimental setups that are difficult to control. Coordinating lasers, cameras, and other devices requires highly specialized systems, which currently lack scalability and reliability, limiting progress in both research and commercialization.

[Qendra](#) addresses this challenge by providing a dedicated control system that bridges the gap between classical hardware and quantum operations. Its technology synchronizes and manages the many components required for quantum experiments, from signal generation to system orchestration. Designed for fast setup and high precision, the platform enables more efficient experiments and supports the scaling of quantum computing systems.

The general consensus on the technology most likely to power the first practically useful quantum computers has recently shifted from superconducting qubits to neutral atoms and trapped ions. This shift is driving strong growth in the control system market for these platforms, which is expected to expand from CHF 50 million in 2025 to CHF 1 billion by 2035. Qendra has already secured early revenue for 2026 through collaborations with startups and research groups and plans to significantly scale the number of control system deployments in 2027.

The CHF 150,000 from Venture Kick will enable Qendra to execute the IP strategy ensuring long-term freedom to operate, and to advance its expansion plans for 2027 by converting key customers.

The electronic startup was founded by CEO Dr. Martin Stadler, COO Dr. Ferdinand Felder, and deputy CTO Chidzahi Mabritto, building on technology developed at ETH Zurich in the Trapped Ion Quantum Information group. The team combines expertise in quantum physics, engineering, and system design to bring advanced control solutions to quantum computing labs.

“Venture Kick has been phenomenal at accelerating our development from an academic research project to a startup with a clear goal, business model, go-to-market plan and roadmap to achieve not only technological but also commercial success. It really kicked us out of our comfort zone,” highlighted co-founder Martin Stadler.



Deputy CTO Chidzahi Mabritto, CEO Dr. Martin Stadler, and COO Dr. Ferdinand Felder

[Qendra's profile on Venture Kick](#)

About Venture Kick

The Venture Kick philanthropic initiative provides more than 1 million in seed funding to Swiss startups and offers a well-structured entrepreneurial path toward building a winning business. Startups pitch to Venture Kick juries in three stages to obtain CHF 150,000, gain direct feedback, and access a network of 250 international investors. Winners of Venture Kick are eligible for an InnoBooster grant of CHF 150,000 and an additional CHF 850,000 investment from the Kickfund.

Since its launch in 2007, Venture Kick has supported 1,286 Swiss startup projects with CHF 103 million from private donors. Thanks to financial support, coaching, and networking with investors, this initiative has led to the emergence of 1,000+ thriving startup companies and the creation of 16,100+ jobs. Venture Kick alumni companies have attracted investments of CHF 10.2 billion and

represent 66 companies ranked in the Top100 Swiss Startups in 2025 (<https://www.top100startups.swiss>).

Venture Kick is an initiative by the Kick Foundation, supported by a private consortium and operated by Venturelab. The supporting foundations and private philanthropic partners include Gebert Rüt Stiftung, Ernst Göhner Stiftung, Fondation ALCEA, Hauser-Stiftung, André Hoffmann, Hansjörg Wyss, Martin Haefner, Fondation ProTechno, ESA BIC Switzerland, Swisscom, Lichtsteiner Foundation, and Deep Tech Nation Switzerland Foundation.

Find more information on venturekick.ch, with [all startup projects supported by Venture Kick](#), and follow the success stories of our startups on [LinkedIn](#).

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