BioSpectrum the business of Bio & Health Sciences ASIA EDITION

Multi-stakeholder partnership to build Quantum Hub strengthening life science cluster in Singapore

February 25, 2026 | News

Bridging the gap between biotechnology and compute power SoftBank, HorizonX Join QAI Ventures launches Ã¢â?¬Ë?Industry Clusters ProgramÃ¢â?¬â?¢ in Singapore to move quantum innovation from laboratory settings into commercial applications across communications and networks, finance, industrials and life sciences.



QAI Ventures the leading global investor and ecosystem builder in quantum and advanced computing technologies, is launching a **specialized industry cluster** in Singapore to accelerate the commercialization of quantum-classical hybrid computing, backed by strategic partnerships with SoftBank Corp. and HorizonX.

Through its Industry Cluster Programs, QAI Ventures has signed high-impact strategic partnerships with SoftBank Corp. and HorizonX, establishing a global ecosystem designed to transition quantum innovation from laboratory research to industrial-scale implementation. HorizonX, with MIT, has been appointed the official education partner for all global industry clusters to bridge the executive knowledge gap in deep tech. SoftBank Corp., meanwhile, joins as a strategic member of the Networks & Communication cluster, reinforcing Singapore's infrastructure for the next generation of digital services.

"We are growing the Quantum-AI architecture of the next decade by supporting innovators, and building an ecosystem out of Singapore," said Alexandra Beckstein, CEO and Founder of QAI Ventures. "Through this unique synergy of capital, corporate clusters, and world-class partnerships, we are ensuring that Singapore continues to drive the commercial development of quantum computing's potential."

"By combining these specialized clusters with a hands-on venture-building engine, we look forward to moving Singapore's quantum ambitions to full-scale enterprise readiness, directly catalyzing the nation's S$37 billion RIE2030 roadmap," added Beckstein.

Four Industry Verticals to Accelerate Quantum Commercialisation and Adoption

As Singapore readies for Budget 2026, QAI Ventures is positioning its Singapore headquarters as the primary engine for global leadership to turn quantum ideas into real-world results. The program aims to unite industry leaders across four primary

domains to accelerate technology adoption:

- **Communications & Networks (Telco, Cybersecurity, Data) -** Anchored by SoftBank Corp., this cluster addresses the evolution of next-generation digital infrastructure. The focus is to ensure long-term data sovereignty.
- **Financial Services (Banking, Fintech, Insurance) -** In alignment with Monetary Authority of Singapore (MAS) directives, members work to mitigate the "harvest now, decrypt later" threat while utilizing quantum algorithms for high-speed derivative pricing and fraud detection.
- **Industrials (Energy, Manufacturing, Space) -** Leveraging Singapore's strength in advanced manufacturing, this cluster seeks to optimize complex supply chains and energy grid management.
- **Life Sciences (Pharma & Healthcare) -** Bridging the gap between **biotechnology** and compute power. This cluster targets breakthroughs in molecular simulation and drug discovery, aiming to reduce the timeline for research and development (R&D).

To achieve long-term resilience, QAI Ventures is integrating specialized education and infrastructure leadership into the core of its clusters. Complementing this educational foundation, SoftBank Corp. will act as a vital link between AI technologies and quantum infrastructure, supporting the development of scalable platforms for future applications like autonomous mobility.

Aligning with Singapore's National Economic Vision

To complement the Industry Cluster Programs, QAI Ventures is deploying its specialized Venture Building Program in Singapore to empower QuantumAI founders. Unlike a traditional venture capitalist, QAI Ventures takes operational ownership of business strategy, allowing academic founders to focus on technical excellence.

"The future of global competitiveness will be decided by those who can successfully merge Quantum and AI into a singular industrial force. With our Industry Clusters and partners like SoftBank and HorizonX, we are building the resilient, hybrid-compute ecosystem that will serve as the backbone for Singapore's economy in 2030 and beyond," said Beckstein