



Quantum Sweden Innovation Intelligence Digest (QSIIID) is a curated monthly newsletter with external quantum innovation business news from around the globe.

The summer of 2026 saw the quantum sector continue its transition from research-driven development to industrial scale-up. Major acquisitions, public listings, government initiatives, and manufacturing investments underscored the growing importance of quantum technologies in national competitiveness, cybersecurity, advanced computing, and semiconductor innovation. At the same time, companies increasingly focused on practical applications, infrastructure, and commercialization pathways, signaling a maturing global quantum ecosystem.



Sweden Publishes National Strategy for Quantum Technology

Sweden released a national strategy aimed at strengthening research, innovation, skills development, and industrial competitiveness in quantum technologies. The strategy seeks to coordinate public and private efforts as quantum technologies become increasingly important to European technological sovereignty.

[Read more here.](#)

The strategy is available on the [Government Offices of Sweden website.](#)



Photo: Pasqal

Pasqal Expands International Ambitions Through Saudi Venture

French quantum company Pasqal announced plans to establish a joint venture in Saudi Arabia aimed at building quantum computing capacity and supporting regional technology development. The move reflects increasing global competition to establish national quantum ecosystems and attract strategic investment.

[Read more here.](#)

QSIP – Empowering Sweden’s Quantum Innovation Future

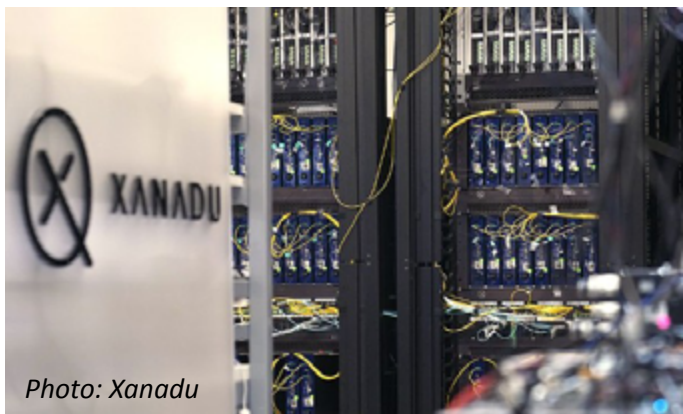


Photo: Xanadu

Xanadu and Mitsubishi Chemical Expand Quantum Semiconductor Collaboration

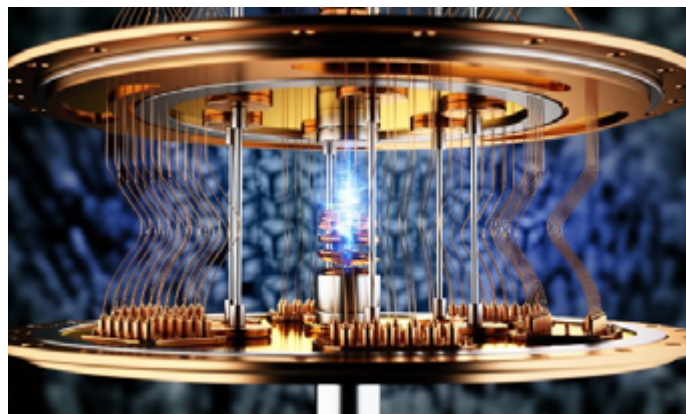
Xanadu and Mitsubishi Chemical announced a new phase of collaboration focused on applying quantum algorithms to semiconductor manufacturing. Supported by Canadian and Japanese innovation programs, the project aims to improve extreme ultraviolet (EUV) lithography processes critical for next-generation chip production.

[Read more here.](#)

D-Wave Expands into Financial Crime Detection

D-Wave announced a partnership with Nasdaq Verafin to explore quantum approaches for identifying financial crime and fraud. The initiative highlights growing adoption of quantum technologies in financial services and demonstrates emerging commercial use cases beyond traditional optimization problems.

[Read more here.](#)



Congress Considers Boosting U.S. Quantum Funding

Bloomberg reported growing political interest in expanding U.S. quantum investments as competition intensifies globally. The discussion reflects increasing recognition of quantum technologies as a strategic capability linked to economic resilience and national security.

[Read more here.](#)



IonQ Reports Record Revenue and Expands Manufacturing Footprint

IonQ reported second-quarter revenue of approximately \$80 million and raised its full-year outlook. The company also completed its SkyWater Technology acquisition, advancing its strategy to become a vertically integrated quantum platform spanning hardware, manufacturing, and quantum services.

[Read more here.](#)

China's TuringQ Begins IPO Process

Shanghai-based photonic quantum computing company TuringQ formally entered the IPO process, aiming to become one of China's first publicly listed quantum computing firms. The company has raised nearly 1 billion yuan in 2026 and focuses on thin-film lithium-niobate photonic quantum chips.

[Read more here.](#)

IQM Reports First Earnings as a Public Company

Following its public listing earlier in 2026, Finland's IQM reported first-half revenue of €8.9 million and an order backlog exceeding €102 million. The results highlight continued demand for superconducting quantum systems and support the company's manufacturing expansion plans.

[Read more here.](#)



IBM and University of Chicago Demonstrate Verified Quantum Advantage

IBM and researchers from the University of Chicago demonstrated a large-scale logical quantum computing experiment involving 70 logical qubits. The work aims to establish trusted quantum computation by combining quantum advantage with methods for verifying the correctness of results.

[Read more here.](#)

Quantinuum and SoftBank Map Path to Industrial Quantum Applications

Quantinuum and SoftBank published a joint white paper examining the commercialization timeline for quantum computing in areas such as quantum chemistry and graph analytics. The roadmap also explores how quantum computing, AI, and high-performance computing could converge in future data-center architectures.

[Read more here.](#)

IBM Acquires HRL Laboratories to Expand Quantum Capabilities

IBM announced the acquisition of HRL Laboratories, the Boeing and General Motors-owned research organization known for silicon-spin qubits, quantum sensing, and advanced materials research. The deal strengthens IBM's long-term roadmap in quantum computing, sensing, networking, and enabling technologies.

[Read more here.](#)
