



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

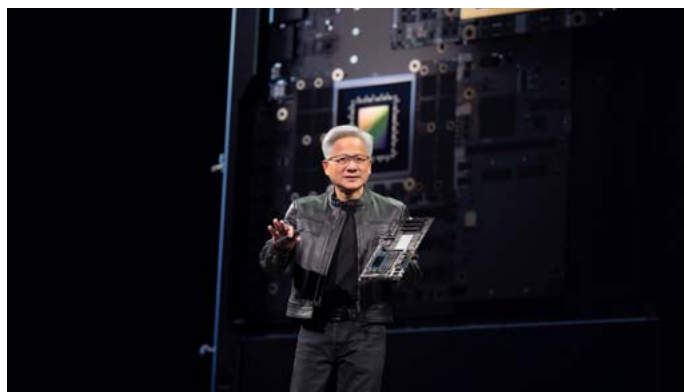


The Nordic Prime Ministers issued a joint statement committing to deeper cooperation on quantum technologies to ensure the region remains a global leader in the field. They emphasized the importance of shared research, education, funding, and ethical frameworks to support innovation in quantum computing, communication, sensing, and cryptography. The statement also supports the European Declaration on Quantum Technologies and encourages responsible development and commercialization of quantum solutions.

[Read more here.](#)

IonQ has partnered with Swedish freight tech company Einride to develop quantum-powered logistics and supply chain solutions. The collaboration will use IonQ's quantum computing to optimize fleet routing and scheduling for Einride's autonomous, electric vehicles. This marks a step in IonQ's expansion into Europe and real-world quantum applications.

[Read more here.](#)



In May 2025, NVIDIA and Microsoft advanced their AI and gaming partnership by launching RTX AI PCs and unveiling neural shading technology to boost graphics performance. They also teamed up with Qualcomm on Copilot+ AI-powered PCs. Microsoft reported strong earnings and cut 6,000 jobs to focus on its AI strategy, reinforcing both companies' push toward AI-driven computing.

[Read more here.](#)

Photo: NVIDIA CEO Jensen Huang presents DGX Station, NVIDIA.

IQM Quantum Computers will deliver a 300-qubit superconducting quantum computer to Finland by late 2027, following a 150-qubit system in 2026. This project, led by VTT, aims to position Finland as a global leader in quantum computing and includes integration with the national high-performance computing infrastructure. The initiative also provides cloud access and free quantum computing time for Finnish companies and universities to foster innovation and research.

[Read more here.](#)



France, Germany, and the Netherlands have jointly launched a €30+ million trilateral quantum innovation initiative, including €11 million for French partners via France 2030. The call attracted over 120 applications in quantum computing, communication, and sensing. Selected high-impact projects involve leading institutions like IQM, Quandela, Alice&Bob, and Sorbonne University, focusing on scaling quantum computing, securing networks, and advancing sensing technologies to strengthen Europe's leadership through cross-border collaboration and commercialization.

[Read more here.](#)

Pasqal has partnered with Google Cloud to make its 100-qubit neutral-atom quantum processing unit (QPU) available through the Google Cloud Marketplace. This collaboration allows users to run quantum calculations via the Pasqal Cloud platform with a pay-as-you-go model and an open-source software stack. It supports both experts and newcomers, offering tools for job monitoring, workflow optimization, and result analysis. Pasqal also plans to release new features for optimization and quantum simulation in 2025.

[Read more here.](#)

Oracle and seQure have announced that Ground-Truth, a cybersecurity and data observability service, is now available on Oracle Cloud Infrastructure (OCI). Previously limited to on-premises use, Ground-Truth helps automate threat detection and can reduce alert volumes by up to 90%. Its cloud deployment spans public, government, sovereign, and dedicated Oracle regions. By joining Oracle's defense ecosystem, seQure enables governments and enterprises to leverage AI-driven threat detection while meeting data residency, regulatory, and performance requirements.

[Read more here.](#)

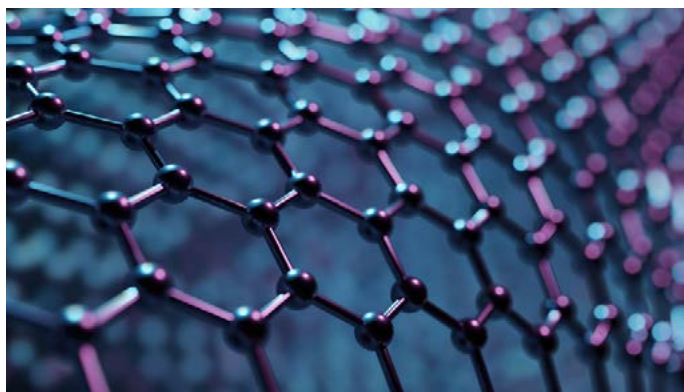
QSIP – Empowering Sweden's Quantum Innovation Future

Infleqtion and JPMorgan Chase have launched qLDPC, an open-source software library that drastically reduces the number of physical qubits needed for quantum error correction—by 10 to 100 times. Tailored for Infleqtion's neutral atom hardware, qLDPC aims to overcome a major barrier to scaling quantum systems and offers customizable layouts for optimizing quantum workloads, fostering collaboration across the quantum computing community.

[Read more here.](#)

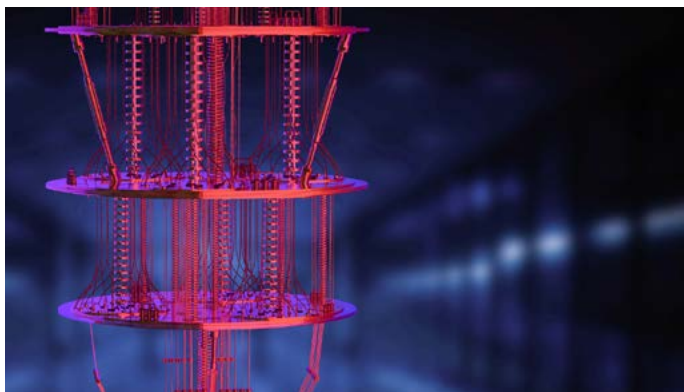
D-Wave reported Q1 2025 revenue of \$15 million and a gross profit of \$13.9 million, driven by a 509% year-over-year growth. This was fueled by the sale of its Advantage™ system and expanded deployments in key sectors. The company reduced its net loss by over 68% and ended the quarter with \$304.3 million in cash.

[Read more here.](#)



Alice & Bob announced a \$50 million quantum computing lab in Paris to advance the commercialization of its fault-tolerant quantum processors. The 4,000 m² facility will focus on developing next-gen chips—Lithium, Beryllium, and Graphene—using Quantum Machines control systems and 20 Bluefors dilution refrigerators. The lab will be central to France's quantum infrastructure and will host the company's 100-logical-qubit system, expected by 2030, based on energy-efficient cat qubit technology.

[Read more here.](#)



QphoX, Rigetti, and the UK's NQCC received funding to develop optical readout for superconducting qubits using light over fiber, aiming to reduce heat and wiring complexity. The technology will be tested on Rigetti's 9-qubit Novera processor at the NQCC.

[Read more here.](#)

A new study warns that restrictive quantum tech policies by major powers are widening global inequality by limiting the Global South's access to quantum hardware and tools. Export controls from the U.S., EU, and China are hindering research and infrastructure development in less wealthy nations. Without a cooperative global framework, the study argues, these countries risk increased digital dependency and greater exposure to security threats.

[Read more here](#) and [here](#).



Norma signed an MOU with AI Fardan Ventures to launch a quantum R&D center in the Middle East, supporting regional growth in AI, cloud, and quantum tech. The partnership aims to boost innovation, economic development, and ICT talent. This move builds on Norma's regional expansion, including an \$18M quantum computer deal with Saudi Arabia.

[Read more here.](#)



The partnership between Terra Quantum and Siemens Cre8Ventures represents a strategic fusion of quantum computing and digital twin technology, with a clear focus on enhancing Europe's position in advanced engineering sectors like automotive and aerospace. By embedding Terra Quantum's Quantum-as-a-Service (QaaS) platform—including hybrid quantum algorithms, post-quantum cryptography, and a no-code development interface—into Siemens' Digital Twin Marketplace, the collaboration enables secure, quantum-enhanced modeling and simulation across the product lifecycle. This effort aligns strongly with the European Union's Chips Act, which aims to reinforce Europe's semiconductor ecosystem and digital independence.

[Read more here.](#)

Rigetti Computing has received a \$5.48 million award from the U.S. Air Force to advance its Alternating-Bias Assisted Annealing (ABAA) chip technology, aimed at improving quantum computing hardware. The project focuses on addressing two-level systems (TLSs), microscopic defects that impair qubit coherence and limit scalability. Working with academic and national lab partners, Rigetti seeks to enhance superconducting qubit performance. Additionally, Rigetti is participating in DARPA's Quantum Benchmarking Initiative, which evaluates the potential of quantum systems to achieve utility-scale performance by 2033.

[Read more here.](#)
