



PRESS RELEASE

Orange Quantum Systems raises €12 Million in a seed round led by Icecat Capital to enable Moore's Law scaling for quantum computing

- OrangeQS creates integrated systems to make testing of quantum computing chips more scalable, faster, and cost-effective.
- Funding round led by Icecat Capital, with participations from Cottonwood Technology Fund, QBeat Ventures, QDNL Participations, and InnovationQuarter Capital.
- New funds will be used to create the next-generation of test equipment for leading quantum computing companies, opening the door to exponential Quantum Moore's Law scaling for quantum chips.



Delft/Amsterdam, June 18, 2025: Orange Quantum Systems [OrangeQS], a pioneering Dutch startup transforming the field of quantum chip testing, has closed an oversubscribed €12 million seed round — the largest seed investment round thus far in the Netherlands' thriving quantum computing sector.

The round was led by **Icecat Capital**, supported by Cottonwood Technology Fund, QBeat Ventures, QDNL Participations, and InnovationQuarter Capital.

Cottonwood and QDNL Participations backed the company's pre-seed round in 2023. New investors are Icecat Capital and the dedicated quantum fund QBeat, both eager to fuel the international scaling of Orange Quantum Systems, and InnovationQuarter Capital.

Quantum computing is a rapidly developing field. As the chips that underpin many of these advances become more complex a significant challenge has emerged: the need for scalable, precise, and cost-effective quantum chip testing.

OrangeQS meets these challenges with a comprehensive product suite designed to streamline quantum chip testing across the entire value chain.

Enabling industrial-scale quantum chip testing for manufacturers and advanced R&D labs

Europe's leading quantum-computer builder IQM relies on OrangeQS's flagship test product **OrangeMAX**, which sets new industry benchmarks for high-volume, standardised quantum-chip testing.

OrangeQS FLEX offers customizable chip-testing solutions for academic and industrial R&D teams. It is being used, among others, by quantum research labs at the Karlsruhe Institute of Technology (Germany) and the University of Napoli (Italy).

Additionally, R&D labs like the Advanced Quantum Testbed at Berkeley Lab (USA), Chalmers Next Labs (Sweden) and QuTech (The Netherlands) are testing OrangeQS Juice, an open-source operating system enabling users to seamlessly manage their complete quantum research setup within a single environment.

Powering exponential growth in quantum chip manufacturing

With the fresh funds, OrangeQS will invest the new €12 million in building even faster test machines that check quantum chips in days rather than weeks. By removing this bottleneck, the company helps leading chip makers keep doubling the number of reliable quantum bits ("qubits") every few years.—setting the stage for a quantum equivalent of Moore's Law.

The new funding round drew strong interest from investors, reinforcing the company's ambition to become the global leader in testing solutions for the rapidly developing quantum chip market.

"We are excited to see such strong support from the investment community," says Garrelt Alberts, CEO of OrangeQS. "This funding round not only validates the critical importance of our technology but also enables us to accelerate our product roadmap, delivering the testing solutions essential to the emerging quantum computing industry as it advances toward building powerful quantum computers that benefit society."

"We see strong potential in OrangeQS to become the leader in quantum chip testing in a market which is developing fast, but still in an early stage." Says Martijn Hoogeveen, investor at Icecat Capital. "Especially, in enabling complex AI, we see a future for tested quantum computing solutions." Icecat Capital contributes 3 million euro to this investment round.

About Orange Quantum Systems

Orange Quantum Systems develops advanced solutions for automated testing and characterizing quantum chips, enabling the transition from lab-scale devices to industrial-

grade quantum computers. Based in Delft, the Netherlands, the company leverages deep academic roots and engineering excellence to serve the global quantum ecosystem.

About Icecat Capital

Icecat Capital is the investment fund of Icecat N.V. (ISIN: NL0012751226), and participates in disruptive ventures with a tech focus and global potential. Icecat itself is a leading, global provider of product data and AI-based content syndication services to e-commerce companies, manufacturing brands and service providers.

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