-PRESS RELEASE-

# Quobly Opens New Processing Facilities, Accelerating Its Industrial Output by 50x

**Grenoble, France, February 5, 2025 -** Quobly, the pioneering French startup developing large-scale quantum processors based on silicon qubits, is taking a decisive step toward industrialization with the opening of its new quantum chip processing facilities along with new and expanded offices.

Located in the heart of Grenoble's deep-tech ecosystem, Quobly's new center within BHT3, a hub purpose-built for high-tech innovation, will accelerate its product development cycle and enhance its capacity to scale toward millions of qubits. This milestone follows closely on the heels of Quobly's recent announcement of a strategic collaboration with STMicroelectronics, reinforcing the company's readiness to industrialize quantum processors at scale, with a goal of reaching one million physical qubits by 2031.

## A Quantum Leap in Processing Capacity

With this new infrastructure, Quobly is significantly enhancing its ability to process and test quantum chips. Compared to its previous pre-industrial workflows, the company now achieves:

- **10x faster testing speeds**
- **50x higher wafer processing volumes**
- **A design-to-testing cycle that is 3x faster**

This acceleration represents a major shift, transitioning Quobly from research-driven workflows to scalable industrial production while maintaining close collaborations with the CEA and CNRS.

## Paving the Way for Fault-Tolerant Quantum Computing

Quobly is accelerating the development of fault-tolerant quantum computing (FTQC) by integrating industrial-grade processing capabilities. This new infrastructure and streamlined workflow will enable Quobly to meet the growing demand for scalable quantum processors.

“This new facility marks a pivotal moment for Quobly,” said Maud Vinet, CEO of Quobly. “By significantly accelerating our testing and processing capabilities, we are bringing the semiconductor know-how and methologies in quantum computing to get closer to industrial reality. This reinforces our position as an international leader in scaling qubits to fulfil the promises if quantum computing and meet the needs of our customers.”

## BHT3: A Strategic Location for Industrial Growth

Quobly’s decision to establish its new processing center within BHT3 is a key part of its industrialization strategy. This Grenoble-based high-tech campus is uniquely designed to support quantum and microelectronics innovation, offering:

- **Proximity to Key Partners:** Situated just steps from CEA-Leti, CNRS, and UGA, BHT3 provides seamless access to leading researchers and technology experts in quantum physics and semiconductor processing.
- **Infrastructure for a Growing Team:** With its team tripling in size over the past year to 70 collaborators, Quobly’s expansion into BHT3 supports its rapid growth strategy, providing an environment designed for innovation and professional development.
- **Collaborative R&D Environment**: the position makes it easy for Quobly to regularly interact with Grenoble’s deep-tech ecosystem, including STMicroelectronics, Soitec, and Air Liquide.
- **Sustainability & Scalability**: Designed to support industrial growth while maintaining an environmentally conscious footprint, BHT3 enables Quobly to scale efficiently without compromising on sustainability.

In addition to its Grenoble headquarters, Quobly has a worldwide footprint, with ongoing scientific and business collaborations in Europe, the US and Taiwan. With the addition of these new processing facilities, Quobly is taking a decisive step toward making large-scale quantum computing a reality.

**About Quobly**

Quobly is harnessing the power of semiconductor innovation to unlock the full potential of quantum technologies. By using the same tried-and-tested methods for fabricating transistors, Quobly is pioneering the development of fault-tolerant quantum computers. This breakthrough approach paves the way for scalable, cost-effective quantum computers. Based in Grenoble, the startup is the result of 15 years of collaborative research between the CEA-Leti and CNRS. Founded in 2022, Quobly today counts a team of over 70 people. In 2023, Quobly made headlines with a seed round of 19 million euros, and in 2024 Quobly announced its collaboration with STMicroelectronics to bring reproducibility, yield, and quality to silicon qubits using FD-SOI semiconductor processes.

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