

## A new €21M funding round for Quobly's Q100T quantum technology project

- *A funding package designed to accelerate the industrial production of the first silicon quantum chip with 100 physical qubits (Q100T Project).*
- *Quobly obtains a €15M Bpifrance grant as part of the France 2030 program and invests €6M in equity.*
- *The goal is to speed up industrial production of the 100 physical qubit quantum chip on silicon.*
- *A strategic partnership with STMicroelectronics.*

### A technological and industrial breakthrough

Quobly, a pioneer in quantum microelectronics, announces a €21 million financing round. This structuring contribution made up of €15 million in Bpifrance grant via France 2030, and €6M in Quobly's shareholder equity, will accelerate the industrial production phase of the first quantum chip on silicon with 100 physical qubits.



This quantum chip is engineered for production on 300 mm FD-SOI semiconductors, the same technology used in chips for consumer applications such as 5G smartphones and automotive systems.

This worldwide unique approach removes obstacles to the large-scale industrialization of quantum technology.

### From research to industrialization

Quobly is co-financing this project with €6 million in equity, an exceptional level of commitment for a Deeptech startup, and a sign of its industrial and financial maturity.

This project marks a turning point: it transforms research-driven technology into an industrial product, ready to be integrated into the European production ecosystem.

#### **Maud Vinet, CEO and co-founder of Quobly:**

*“With this funding, we are entering the home stretch towards the industrialization of our technology. Our initial goal to make quantum technology accessible, controllable and scalable is now becoming a reality.”*

As part of this drive for industrial acceleration, Quobly recently appointed Philippe Delmas as Chairman of its Board of Directors. As the former vice-president of Airbus, he brings a dual expertise: a strategic management of major technology industries as well as a support of high-potential start-ups. His role will be key in preparing the industrialization and commercialization of the silicon quantum microprocessor as early as 2027.

## **A technology shaped by 15 years of research, resulting in strategic partnerships**

Quobly was born in 2022 from a technology transfer resulting from 15 years of research at the CEA and CNRS and boasts a portfolio of over 40 patent families. The startup, a pioneer in its field, has demonstrated a qubit on a 300 mm plate, making its technology immediately compatible with standard manufacturing tools.

In late 2024, Quobly forged an exclusive strategic partnership with STMicroelectronics, a global leader in chipmaking, to help drive its essential scale-up.

### **About Quobly**

Quobly is a pioneer in quantum microelectronics. The company is developing a quantum chip on silicon using the existing industrial semiconductor manufacturing process. Founded in 2022, the company draws on 15 years of collaborative research between internationally renowned Research and Technology Organizations (RTO), CEA-Leti and CNRS. Based in Grenoble, Quobly was co-founded by Maud Vinet, Ph.D. in quantum physics, author or co-author of over 300 papers and holder of more than 70 nanotechnology-related patents, Tristan Meunier, a world-renowned expert in semiconductor quantum engineering, trained under Serge Haroche, winner of the 2012 Nobel Prize in Physics, and François Perruchot, PhD in solid-state physics, engineer, expert in sensor development, modeling and characterization of MEM micro-sensors. Quobly has signed several strategic and operational partnerships with Soitec, Orano, Air Liquide and recently with ST Microelectronics to accelerate the manufacturing process of its “silicon quantum chip”. In 2023, Quobly raised €19 million, setting a new record for seed financing for a European start-up in the quantum sector. <https://quobly.io/>.

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