

Advancing quantum processor manufacturing: Air Liquide invests in start-up Quobly

Air Liquide has announced an investment in the French start-up Quobly, through the Group's corporate venture capital arm, ALIAD. Quobly develops quantum processors using proven semiconductor manufacturing processes. This strategic partnership supports the shift from fundamental research to industrial-scale manufacturing. This investment underlines Air Liquide's role as a key partner in the quantum computing value chain.

Announced today, [ALIAD participates in Quobly's 115 million euros Series A financing round](#), alongside leading investors. This capital injection will support the start-up's continued R&D, advance its industrialization efforts and drive its international commercial expansion. Leveraging its extensive industrial expertise, [Air Liquide will support Quobly in transitioning its technology to an industrial scale, aiming to launch the first commercial product by the end of 2026](#).

Founded in 2022 in Grenoble, France, Quobly develops silicon-based quantum processors using proven semiconductor manufacturing processes. The company is focused on making quantum computing scalable, manufacturable and deployable to grow the quantum computing market.

Beyond capital increase, [ALIAD also acts as an industrial partner to its portfolio companies, actively accelerating start-up growth by unlocking new business opportunities and providing direct access to Air Liquide's resources and expertise](#). For Quobly, this synergy includes expertise in Advanced Materials and specialty gases that are critical to the manufacturing of silicon quantum processors.

[The Group already plays a pivotal function in the broad quantum computing ecosystem, providing the extreme cooling technology and ultra-pure materials](#) necessary to keep quantum processors stable, ensuring they operate without errors. Air Liquide collaborates closely with hardware innovators to support quantum chip manufacturing, and also secures the supply chain for high purity gases.

Armelle Levieux, member of Air Liquide's Executive Committee, notably supervising Innovation and Technology activities, stated: *"Quantum computing represents the next major technological frontier. Quobly is pioneering the path toward scalable quantum processors, and this is exactly the kind of game-changing innovation Air Liquide looks for when supporting tech start-ups with a strong potential. We are proud to participate in this journey and to continue shaping the future."*

About ALIAD

ALIAD is Air Liquide's corporate venture capital arm. ALIAD invests in and supports innovative start-ups whose technologies are strategically aligned with Air Liquide's core businesses and long-term development priorities. ALIAD goes beyond traditional financial investment by acting as an industrial partner to its portfolio companies, providing capital but also engaging with start-ups by offering them business opportunities and access to Air Liquide's resources and expertise.

About Quobly

Quobly is a quantum computing company developing silicon-based quantum computers using proven semiconductor manufacturing processes. Founded in 2022 in Grenoble, France, the company is focused on making quantum computing scalable, manufacturable and deployable to grow the quantum computing market. The company has strategic partnerships within the semiconductor industry (STMicroelectronics, Air Liquide, Soitec and Orano) to accelerate the industrialization of its silicon quantum chips in advanced semiconductor manufacturing environments. In June 2026, Quobly raised a €115 million Series A led by Bpifrance, STMicroelectronics and SEALSQ, with participation from leading industrial and deeptech investors, to accelerate the industrialization of its quantum processors and bring its first commercial computers to market under its Alloy product line. The company's first quantum computer will be deployed through cloud environments in 2026 for early adopters in high-performance computing and research. With 100+ collaborators, Quobly is headquartered in Grenoble, France, with offices in Singapore and Canada.

For more information: <https://www.quobly.io/>