

# How to Make Successful Quantum Investments

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Constructor Capital has been deeply involved in the “future of compute” across the quantum and photonics stacks—spanning investments from QuEra Computing Inc. to Lumai and Akhetonics. Since its first quantum investment in ID Quantique (IDQ) (2013), the team has completed 10 quantum investments and realized three successful exits (IonQ and Qu&Co among them), providing a rare longitudinal perspective on how technical progress translates into durable commercial outcomes.

This talk distills lessons from more than a decade of investing across the (quantum) compute stack, with an emphasis on what defines a successful quantum investment strategy under real-world constraints: technology readiness, scalability bottlenecks, systems integration, and pathways to differentiated value creation. The session will also highlight emerging opportunity areas—particularly quantum memory and networking—and propose practical signals for identifying credible inflection points and “winner” architectures as the ecosystem matures.