

## Building a new quantum computer in Europe

VTT (Technical Research Centre of Finland) and IQM have signed an agreement to collaborate in building Finland's first quantum computer.



iStock/Getty

The project will be based in Espoo, Finland at VTT's and Aalto University's joint national research infrastructure Micronova. VTT and IQM will begin work this year, with a view to making a 50-qubit machine available by 2024. At the same time, VTT will continue its activities in other promising areas in quantum technologies, including quantum sensing and quantum encryption.

Read more about the plans in this press release:

Finland selects IQM to build its first quantum computer; to deliver a 50-qubit machine by 2024.

### Related topics

Advancing in digital science and infrastructures  
FET Flagships and Large Research Initiatives  
Future and Emerging Technologies  
Quantum

---

**Source URL:** <https://digital-strategy.ec.europa.eu/news/building-new-quantum-computer-europe>