

UPSIDE PODCAST — #Episode 95

Europe just had its biggest quantum week ever

Four deals. A new IPO. A record private round.
And a technology moving from "always 10
years away" to actual ticker symbols.



THE DEALS

The capital is arriving *all at once.*

Quobly raised €150M. IQM went public via SPAC.

Quantinuum IPO'd at a \$16B valuation. And OQC closed a €260M round, **becoming Europe's largest ever private quantum raise**. The same week, JP Morgan and AMD announced plans to build the first financially-focused AI quantum data centre in London.



WHAT'S WORKING RIGHT NOW

Quantum sensing isn't coming. *It's here.*

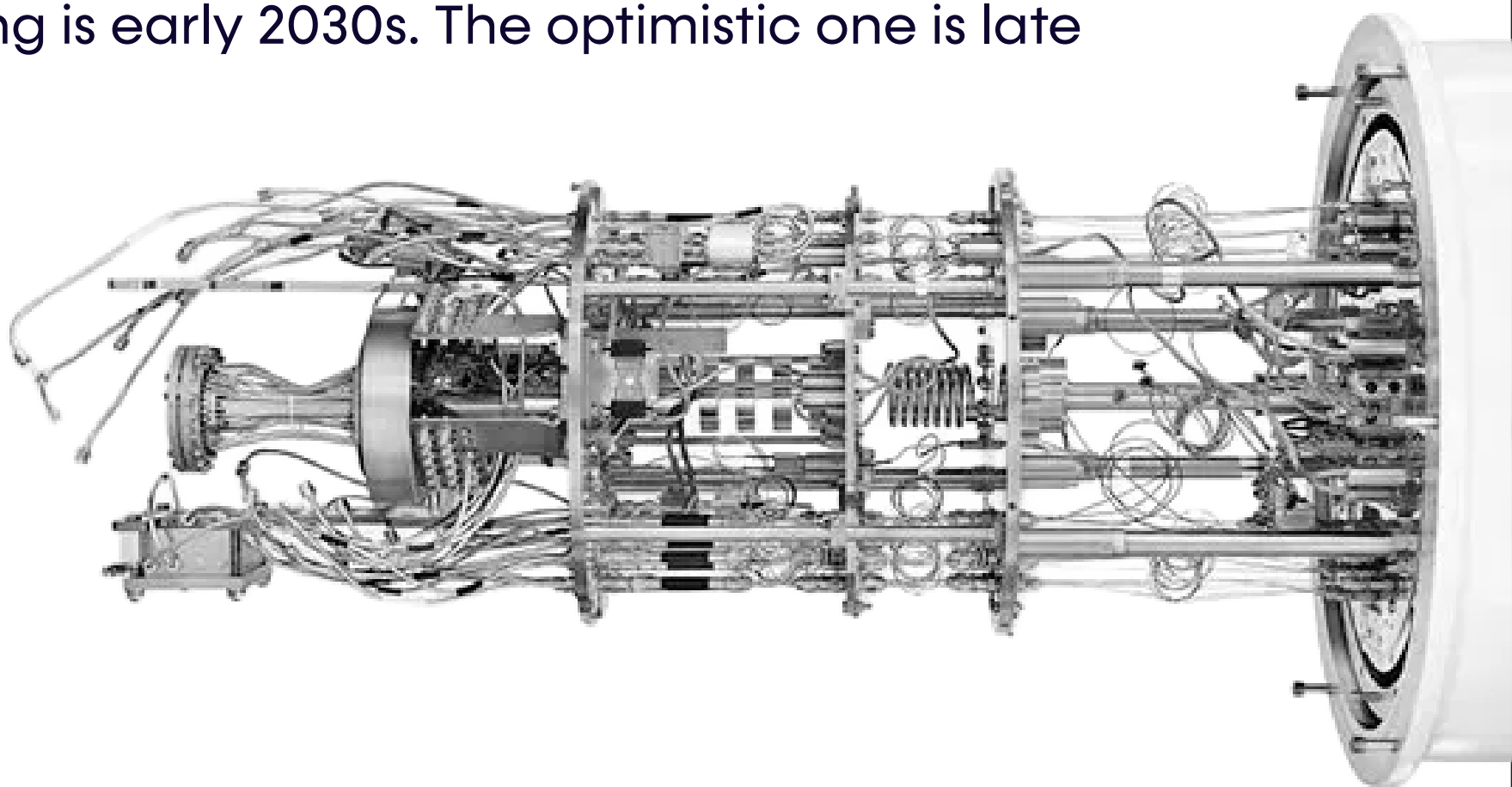
GPS is being blocked across large parts of the Middle East and Central Asia. Every minute a plane flies without it, navigation errors compound. Quantum sensors map the Earth's gravitational and magnetic fields and navigate by them instead, with the same accuracy as GPS and no dependency on satellite signals. *This is already being demonstrated in the real world.*

THE COMPUTING TIMELINE

Quantum computing utility: *2028 to 2031*

Three major papers this year have reduced the number of qubits needed to crack RSA encryption by orders of magnitude. **Hardware is improving.**

Algorithms are improving. They are going to meet. The conservative estimate for genuinely useful quantum computing is early 2030s. The optimistic one is late 2020s.



THE MOMENT TO WATCH FOR

Quantum's ChatGPT moment *could come around 2028.*

Right now the industry is almost entirely focused on one problem: RSA encryption. Once the hardware gets there, the real work begins. Banks, pharmaceutical companies, and governments will start building algorithms for their own domains. *When that happens, the pace of discovery accelerates fast.*

CLOSER

The future is arriving. *Europe is building it.*

Full episode out now ↓

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