



PUBLIC STRATEGY OVERVIEW | 2026

BUILD THE FUTURE. AT QUANTUM SPEED.

Utah is connecting research, industry, talent, and capital to turn quantum breakthroughs into companies, products, and real-world impact.

ESTABLISHED BY EXECUTIVE ORDER 2026-06

Signed by Governor Spencer J. Cox | August 10, 2026

UTAH IS BUILT TO CONNECT THE QUANTUM STACK.

Utah does not need to compete in every part of quantum technology. Its strongest opportunity is the connective layer where breakthrough science becomes usable technology.

SENSING + PHOTONICS

Precision sensing, quantum communications, optical systems, and technologies with near-term defense and commercial applications.

HARDWARE INTEGRATION

Semiconductors, cryogenic controls, packaging, interconnects, electronics, and advanced manufacturing.

HIGH-PERFORMANCE COMPUTING

Infrastructure for simulation and hybrid classical-quantum workflows across Utah research institutions.

A CONNECTED ECOSYSTEM

Government, universities, industry, entrepreneurs, investors, and workforce partners aligned around a statewide strategy.

FOCUSED ON REAL-WORLD OUTCOMES

Research translated into talent, companies, products, supply chains, and national partnerships.

ONE STATEWIDE MANDATE. SEVEN CONNECTED PRIORITIES.

01	Research + hardware	Build on strengths in sensing, photonics, semiconductors, and high-performance computing.
02	Workforce + retention	Develop career pathways, education, apprenticeships, and opportunities that keep Utah talent in Utah.
03	Commercialization	Connect research with industry, pilots, entrepreneurship, and market pathways.
04	Federal + supply chain	Coordinate federal opportunities and strengthen domestic quantum supply chains.
05	Defense engagement	Advance applications in quantum sensing and communications with defense partners.
06	Public understanding	Explain why quantum matters and build Utah's national reputation through credible progress.
07	Policy + funding	Develop recommendations with state budget and legislative leaders as opportunities mature.

FROM ALIGNMENT TO NATIONAL LEADERSHIP.

NOW

Organize

Convene the council, map statewide assets, coordinate partners, and establish a credible baseline.

NEXT

Activate

Advance workforce pathways, research connections, pilot opportunities, and federal engagement.

THEN

Scale what works

Grow shared capabilities and commercialization pathways as demand, partnerships, and authorized funding develop.

CONNECT WITH THE INITIATIVE

Researchers. Companies. Students. Investors.

Utah welcomes partners ready to advance research, build enabling technologies, develop talent, and move quantum applications toward practical use.

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This overview is directional. Future programs and investments remain subject to council action, available funding, and applicable authorization.