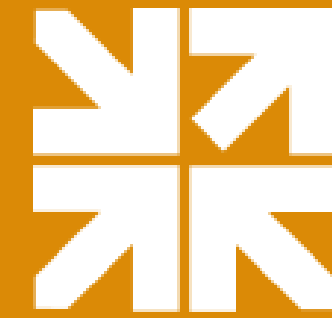


Status Update: New Mexico Technology & Innovation Office

TIO Director Nora Meyers Sackett



NEW MEXICO
TECHNOLOGY &
INNOVATION OFFICE

Next starts here.

TIO MISSION

The Technology & Innovation Office enables companies building the industries of the future to start, grow, and expand in New Mexico.

TIO CREATION & GROWTH

- Previously the Office of Strategy, Science & Technology
- TIO created in 2025 with House Bill 20
- More staff, more budget, clearer direction
- More funding going into programs supporting tech & innovation businesses



TIO ROADMAP

Which science and technology sectors does New Mexico have unique strengths in, and how best to leverage funds to support and accelerate them?

Existing growth opportunity areas:

- Space, Aerospace & Defense Systems
- Quantum Systems & Applications
- Advanced Energy Technologies

Emerging growth opportunity areas:

- Biosciences Innovation
- Agricultural & Water Tech Nexus

TIO ROADMAP

Key roadmap recommendations:

- Establish targeted industry centers offering comprehensive economic development services in existing S&T growth opportunity areas
- Create an innovation ecosystem that enables the translation of research into the commercial marketplace
- Leverage and expand sources of risk capital to catalyze the growth and scalability of New Mexico firms



QUANTUM HUB: Roadrunner Quantum Lab

- Initial \$25 million state investment in a quantum venture studio and quantum hub facility
- Facility ribbon cutting at the end of September 2026
- Creating new quantum startups and attracting quantum companies to the state for private capital and collaboration
- Timeline:
 - July 1, 2025: FY 26 funding available
 - July 7, 2025: Notice of award
 - August 22, 2025: Grant agreement signed
 - September 2026: Ribbon cutting

QUANTUM HUB: Roadrunner Quantum Lab

- Quantum Demonstration Facility (QDF)
 - Outside-the-fence collaboration space with SNL and LANL
- QuEra Computing Neutral Atom Quantum Computing Testbed
 - Fiber amplifiers and lasers; integrated photonics for optically controlled qubits; algorithm and application development
- Four Maybell dilution refrigerators
- Qunnect ABQ-Net (separate facility) - open-access quantum network
- QNM-I office
- Quantum company lab and office space

NM Quantum Industry At-A-Glance

2024: 2

- Star Cryoelectronics
- Mesa Photonics

2026: 13 (1100% increase)

- Star Cryoelectronics
- Mesa Photonics
- Quantinuum
- Mesa Quantum
- Bandelier Technologies
- Qunnect
- QuEra
- Maybell
- Photon Queue
- Conductor Quantum
- IonQ
- Not-yet-announced #1
- Not-yet-announced #2

Adding in 2027:

- Soon-to-be announced international company
- New spin out from Sandia National Labs
- And more!

Ongoing conversations with many more companies interested in being in NM

DARPA QBI Partnership - Quantum Frontier Project

- State of New Mexico has a partnership with the federal Defense Advanced Research Projects Agency's Quantum Benchmarking Initiative program
 - New Mexico is one of just three states nationwide that have a QBI partnership with DARPA
- Matching funds, matched by federal dollars spent by DARPA, for program work done in New Mexico
 - Testing and evaluation work done by New Mexican quantum scientists
 - New Mexico quantum ecosystem infrastructure and equipment used by companies being evaluated in QBI program

Research, Development & Deployment Fund

- One of the **largest state investments in innovation-based economic development** in New Mexico's history
- \$150 million fund created to catalyze innovation, economic growth, and job creation in science and tech industries
- 2 open solicitations:
 - Targeted Federal Match: Commits matching funds for applications to priority federal programs
 - Capital Leverage: Provides grant funds for leveraged by federal, other public, philanthropic, and private funding for projects that advance commercialization of new technologies and growth of industries in priority areas

Technology & Innovation Network Advisory Board

- Unites public, private, academic, and federal-laboratory perspectives to guide and support the strategic direction of TIO
- Assists with the administration of the Research, Development and Deployment Fund to accelerate the production of critical technologies in New Mexico
- Totals 29 members
- Held second quarterly meeting Sept. 8, 2026
- Developing metrics by which to measure RD&D Fund and target sector success

TIO PROGRAMS

- Grant funding for early-stage businesses in advanced computing, advanced energy, aerospace, and bioscience
- Grant funding for ecosystem programming and infrastructure
- Sector-specific contractors providing business assistance to New Mexico startups
- Ecosystem support and coordination

TIO GRANTS & AWARDS

- Science & Tech Business Startup Grant (19 awards prev. cycle)
- SBIR/STTR Matching Grant (restarting after federal delay)
- Advanced Energy Award (~\$7.5M awarded across 9 awards)
- Quantum Technologies Award (\$1.2M awarded across 6 awards)
- Innovation Hubs Grant
- Entrepreneurship Programmatic Support Grant
- Research University Commercialization Award
- Certified Incubator Program (9 certified business incubators)
- Incubator Certification Support Grant (5 awards)

TIO: Coming Next

- Additional office staffing
- RD&D Fund awards
- Awarding of funds for target sector-relevant faculty endowments at higher ed research institutions
- Coordination with NM higher ed on IP licensing streamlining and standardization
- Technology & Innovation Prize planning work
- Quantum computing user facility planning work