

The Technology Readiness Initiative (TRGR) helps turn New Mexico's lab-developed inventions into real-world products.

Existing legislation provides \$1 million annually to each of New Mexico's national labs—Los Alamos and Sandia—to support local businesses in partnering directly with lab scientists and engineers to mature technologies for commercialization.

With \$150,000 in unburdened funding per project, TRGR accelerates innovation beyond the lab, supporting companies with licensed IP or cooperative research and development agreements. The program speeds up product development and also fosters long-term industry-lab relationships—positioning New Mexico as a leader in tech transfer and economic growth.

Since TRGR began, over **\$3.4 million** has benefited New Mexico businesses. This was made possible by a state tax credit for the labs to provide technology maturation assistance.

To date:

34 New Mexico companies have accessed technical assistance from Los Alamos and Sandia National Laboratories.

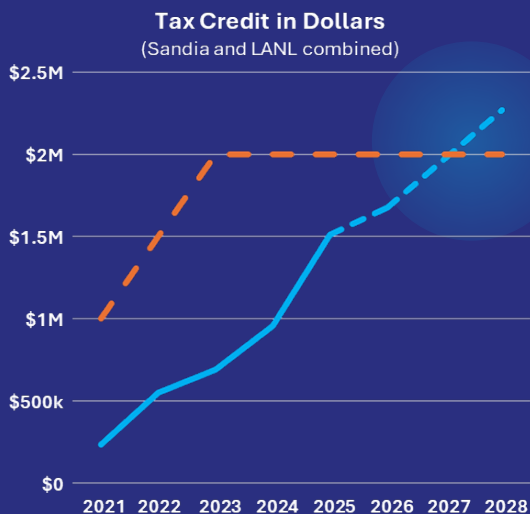
Across both labs, TRGR has accelerated technology transfer to New Mexico businesses, resulting in:

23 New Licenses

11 Cooperative Research and Development Agreements

\$ **Current Budget** - Sandia and LANL each receive a \$1 Million tax credit per year (expires June 30, 2027).

Proposed Changes: \$1M/year increase per lab through 2030, followed by steady funding of \$5M/year per lab through 2035.



Why these changes?

Rising Demand: TRGR is already experiencing a surge of inquiries from New Mexico businesses. As the graph illustrates, the current tax credit is insufficient to keep up with the growing demand.

Several state-lab partnerships are also driving additional demand for access to the Labs:



Quantum Venture Studio

The Quantum Venture Studio (\$25M NMEDD investment) will attract new companies to NM and increase demand for lab expertise, facilities, and joint R&D, expanding the number of businesses positioned for future TRGR projects.



DOE EPIC Round 3

Through EPIC, energy startups can leverage TRGR to access lab expertise, facilities, licensing opportunities, and commercialization pathways—strengthening New Mexico's innovation ecosystem.



Pipeline Expansion

Both the Quantum Venture Studio and EPIC 3 increase the number of high-potential companies ready to enter the TRGR program, driving a steady flow of projects that require additional funding support.

— Tax credit claimed — Max allowable credit

In addition to ongoing state-lab partnerships, TRGR will be marketed to companies across New Mexico's target industry sectors, leveraging the laboratories' extensive intellectual property available for licensing and CRADAs across priority technology areas.



BIO SCIENCE
 244 technologies
 4 technologies



ENERGY
 240 technologies
 3 technologies



CYBERSECURITY
 36 technologies
 2 technologies



QUANTUM COMPUTING
 27 technologies



MACHINE LEARNING / AI
 14 technologies
 2 technologies



AEROSPACE
 3 technologies
 2 technologies

Success Stories



GridFlow Inc. is developing a lithium-sulfur flow battery to be used as long-duration energy storage based on technology licensed from Sandia. As a result of TRGR, the battery has scaled from centimeters to a demonstration unit shown at tradeshow that is 100 times larger with higher energy density and improved cycle life.



\$360,000 in grant funding (NMEDD)
 8 employees



Kairos Power was founded to accelerate the development of an innovative nuclear energy technology, a fluoride salt-cooled high-temperature reactor (KP-FHR). TRGR Projects with Sandia and Los Alamos are helping the company develop a Burn-up Measurement Sensor to analyze graphite fuel pebbles and to scale up the fuel fabrication process.



\$11M in grant funding (City of ABQ EDD & NMEDD)
 176 employees in New Mexico (518 total)



Mercury Bio is developing a vesicular drug delivery platform that can access every organ in the body and target specific cells that are causing disease in a patient. A TRGR Project with Los Alamos has helped the company advance their system that can deliver antibodies to cells or intracellular immunotherapies while slashing the time needed for laboratory experiments and is accelerating market introduction.



\$25,000 in grant funding (NMEDD)
 \$6M in capital raised
 12 employees



VastVision Technologies, a company offering an inventory management and asset tracking platform that works with GPS and radio frequency tracking, licensed MagTag technology from Sandia. Unlike RF tags, MagTags have magnetic-based resonator arrays that can be pinged with an AC magnetic frequency by a handheld reader. As a result of their TRGR Project, the company was accepted into the NM LEEP Program at Los Alamos.



\$946,000 in grant funding (NMEDD)
 \$365,000 in angel funding
 3 employees

With increased investment, TRGR can continue to fund high-impact projects, drive startup growth, and ensure New Mexico stays at the forefront of innovation.

www.nmtrgr.org



Sandia National Laboratories is a multimission laboratory managed and operated by National Technology & Engineering Solutions of Sandia, LLC., a wholly owned subsidiary of Honeywell International, Inc., for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-NA0003525. SAND2025-10543M



Los Alamos National Laboratory (LANL) is a multi-program, federally funded research and development center primarily operating under the direction of the National Nuclear Security Administration (NNSA) within the U.S. Department of Energy (DOE).

