

New Mexico Made

**Advanced Manufacturing
and the
CAMINO Collaborative
Campus**

*Science, Technology &
Telecommunications
Committee
September 10, 2026*



Key Partners



ALBUQUERQUE
PUBLIC SCHOOLS



Supported by an Advanced Manufacturing Working Group

Education:

APS
CNM
UNM
NM Tech
NMSU
UTEP

Industry, Economic Development & Government:

New Mexico Consortium
Dekker Design
Go-Station
Santa Fe Innovation Hub
NM Manufacturing Extension Partnership
Aerovironment
New Collar AI
Yearout Mechanical
NTx Bio

Kairos Power
BlackVe
Titan
Mantis Space
Up Abundance
Albuquerque Regional Economic Alliance
PNM
Securin
EDD
Workforce Solutions
Bernalillo County
City of ABQ

Labs:

Los Alamos National Labs
Sandia National Labs

The Opportunity

On August 5, 2026, the APS Board of Education voted unanimously to declare surplus of approximately 37 acres of land near the intersection of Eubank and Central in Albuquerque, adjacent to Sandia National Labs.

This transforms an inactive asset into a powerful community resource. It allows APS and CNM to enter into a long term lease, enabling CNM and statewide partners to build an advanced manufacturing innovation campus that expands educational access, strengthens workforce pathways, drives job growth, and generates economic benefit for decades to come.





This Represents an Extension of the Sandia Science & Tech Park

The Sandia Science & Technology Park (SS&TP), established in 1998, was created to accelerate the transfer of federally funded research into the private sector through a partnership between Sandia National Laboratories (SNL) and the Sandia Science & Technology Park Development Corporation.

In 2000, APS, SNL, the SS&TP Development Corporation, the City of Albuquerque, and additional partners entered into an MOU to maximize public benefit from the park's growth. Under this agreement, proceeds from land sales, leases, or venture development are directed toward public-purpose uses.

Sandia provides staffing and strategic support to market and grow the SS&TP, including recruiting companies and referring them to landowners through an equitable referral system; supporting infrastructure development within the park; and making best efforts to secure funding. A master plan for the SS&TP, completed in 2004, outlines development across parcels owned by APS, the New Mexico State Land Office, and other entities.



The CAMINO Collaborative Campus

Sandia has already committed **\$100 million** to launch new advanced manufacturing capabilities— an investment that could have stayed “behind the fence,” accessible only to federal programs. Instead, Sandia is choosing a different path, one that opens the door to community access, job growth, entrepreneurial innovation, and student opportunity.

CAMINO is a program of Sandia National Laboratories — the Center for Advanced Manufacturing and Innovation.

The *CAMINO Collaborative* is the community-facing “outside the fence” advanced manufacturing campus, representing education, academia, community colleges, industry, entrepreneurs, the labs and other governmental entities that will co-locate.



A Strong Case Study- Oak Ridge National Lab Manufacturing Demonstration Facility (MDF)

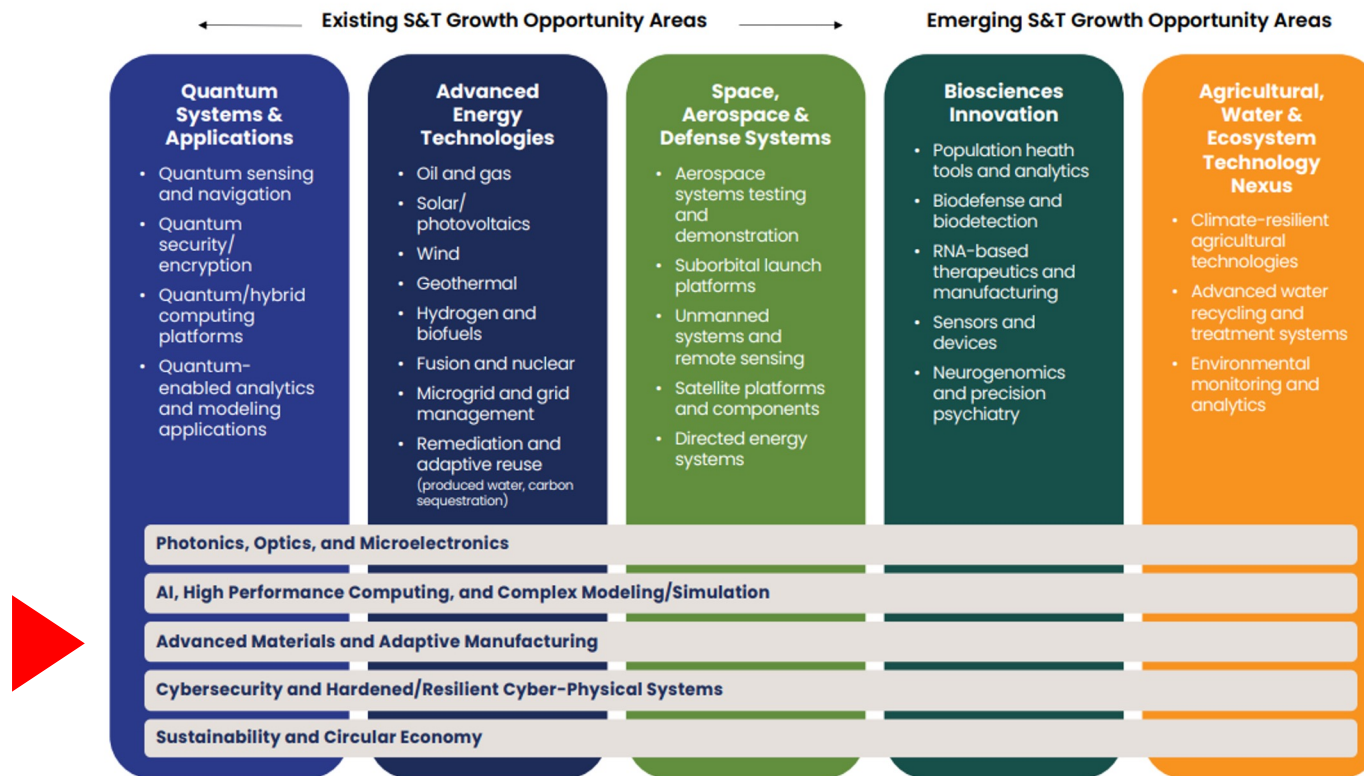
This is one of the clearest examples of how a lab-adjacent advanced manufacturing campus can transform a regional economy. What began as a federal investment has grown into a national engine for innovation, talent, and industry growth. MDF has catalyzed more than **\$5 billion** in business and government investment — a return of more than **50 to 1** on DOE dollars — by creating a place where companies, researchers, and students build and test next-generation technologies side-by-side.

Today, MDF hosts more than **150 staff members** and **250+ co-located partners**, including interns, students, and industry teams. More than **150 advanced manufacturing systems** operate on site, half of them placed through no-cost CRADA agreements that give companies direct access to cutting-edge equipment. MDF has built a network of **200 industrial partnerships** representing more than **\$100 million** in collaborative R&D, and it welcomes **7,000+ visitors each year** from more than **1,000 organizations** across the country.

Its talent engine is equally powerful: more than **1,000 internships** since 2012, **50 university collaborations**, and **145 national honors and awards** recognizing breakthroughs in materials, energy systems, robotics, and digital manufacturing.



Advanced Manufacturing Accelerates Existing Priority Industries & State Investments

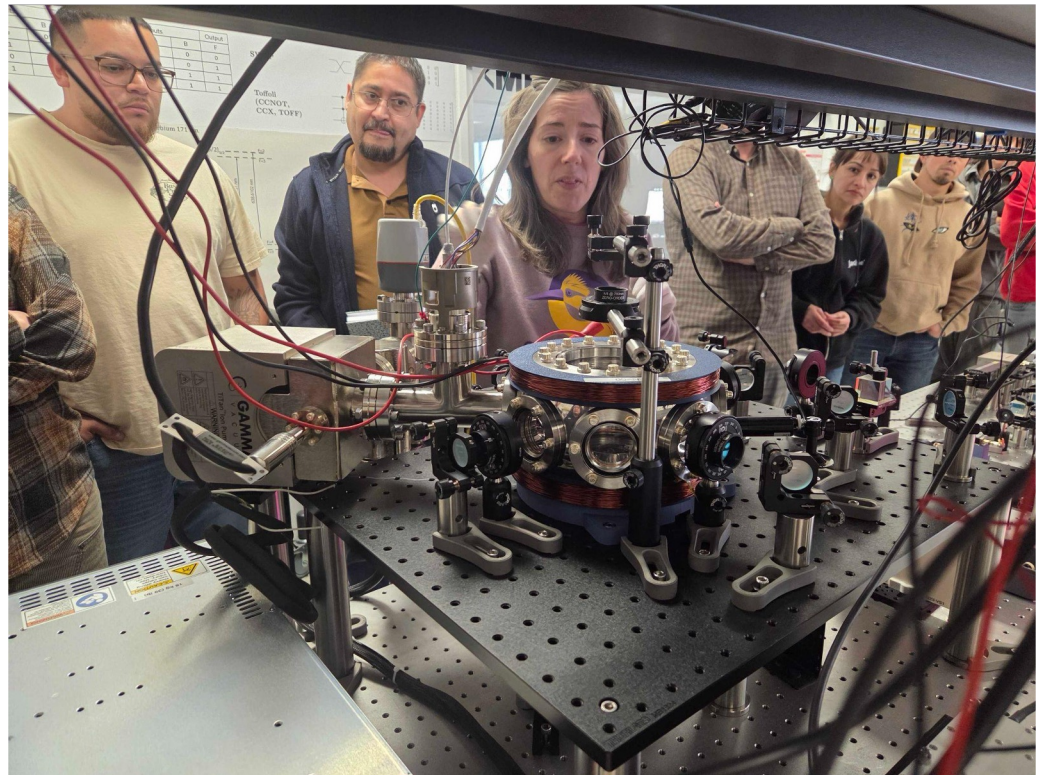


In other words, Advanced Manufacturing directly **strengthens New Mexico's existing investments** in quantum technologies, advanced energy (including clean energy, fusion, and next-generation power systems), aerospace, and national security. It is the throughline that turns scientific excellence into real production capacity and high-wage jobs.

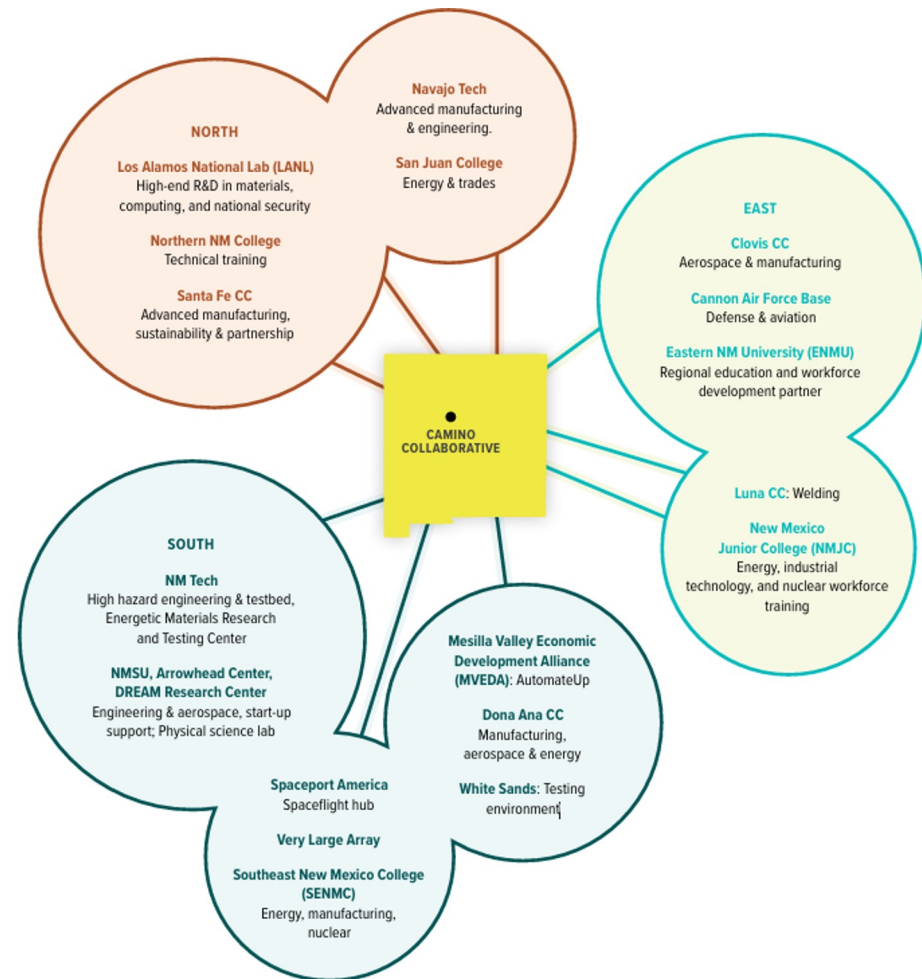
And while some priority industry jobs may grow over time, **advanced manufacturing jobs are immediate**. New Mexico already has hundreds of open technician positions, and the nation faces a 4.6–6 million worker shortage as retirements outpace new entrants. These are technicians, machinists, operators, energy specialists, and aerospace manufacturing workers — making advanced manufacturing one of the fastest, most accessible pathways into high-skill, high-wage careers.

Innovative Workforce Model - K-12 to PhD

- APS Academies, students from Highland and Manzano High to start
- CNM and workforce training coordination with community colleges throughout New Mexico
- UNM, NM Tech, NMSU and interest from 4 universities outside the state



This is a Statewide Initiative



CNM's Center for Technical Innovation & Entrepreneurial Development - An Anchor Facility on the Campus



- \$35M, 35,000 sq. ft. facility
- Prepares New Mexicans for high-demand, high-wage careers through hands-on training.
- In support of training for jobs in advanced manufacturing, advanced energy, quantum technologies, aerospace and national security.

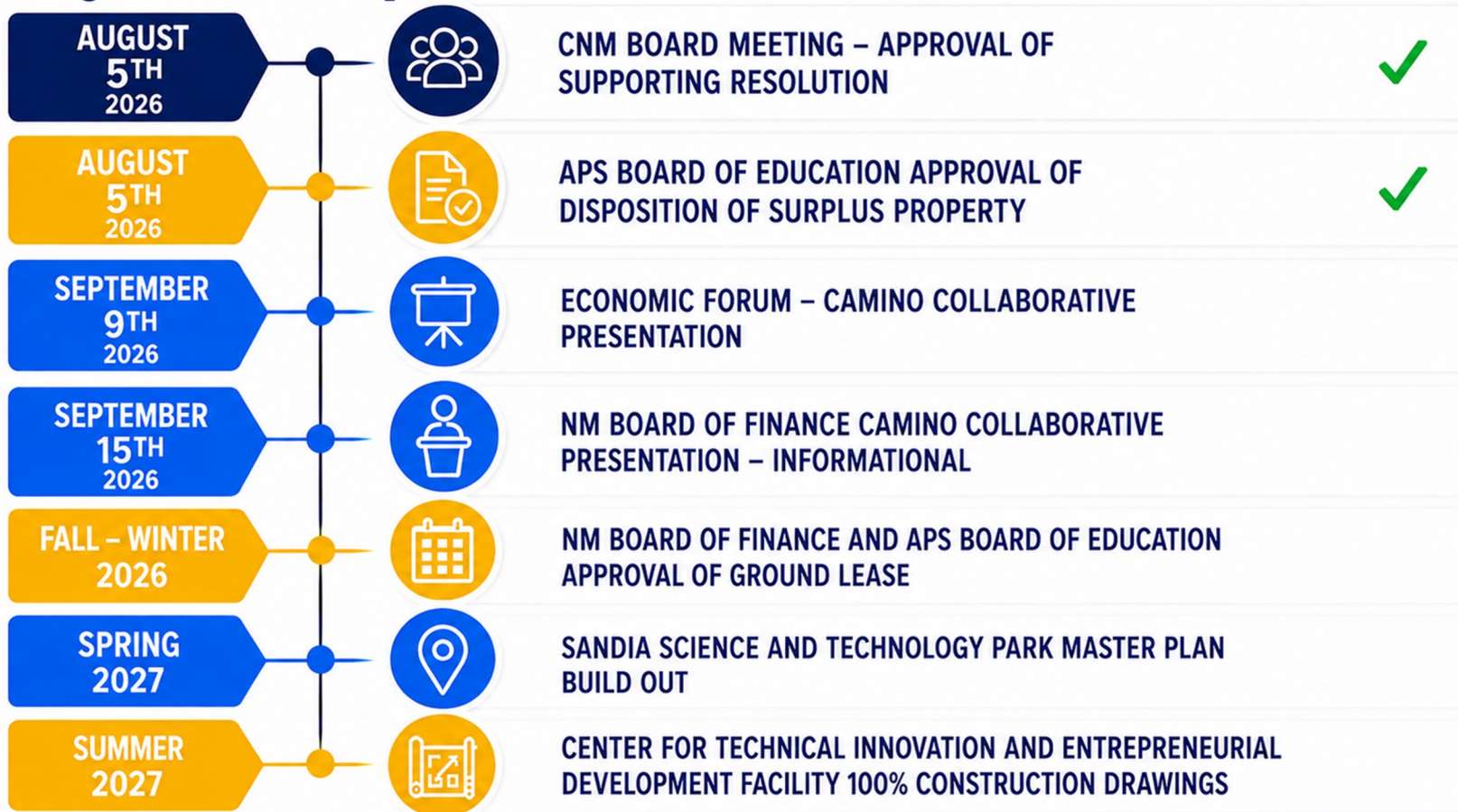


Advanced manufacturing is one of New Mexico's strongest levers for long-term job growth, and the Southwest has been identified as a national hotspot for expansion. New Mexico's recent rankings—#5 and #6 nationally in key growth indicators—signal early momentum that the state cannot afford to miss.

Advanced manufacturing is one of the most economically catalytic sectors in the United States: every dollar of output generates \$2.69 in total economic activity, and every manufacturing job supports five additional jobs across the economy.

This initiative provides a generational opportunity to build a more resilient economic base and generate high-wage jobs that anchor families here for generations.

Key Next Steps



The Validation: 85% employed, average salary increase of ~80%



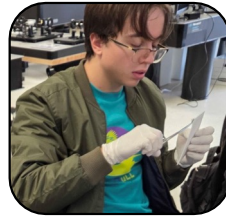
Air Force Veteran →
Optics Technician @
Quantinuum



Web Programmer →
Field Service
Engineer @ Edwards



Jeweler →
Quantum
Electromechanical
Build Technician @
Qunnect



Stocking Shelves →
Photonics
Engineering
Technician @
Monarch Quantum



Doula →
QU-REACH
Summer Research
Experience @ UNM



IT Specialist →
Quantum
Technician @
Quantinuum



Brewery Owner →
RF Technician @
Quell



Movie Lighting
Tech → Quantum
Intern @ Space
Dynamics Lab



Technician →
Technician @ Intel



Special Forces
Medic →
RF Technician
@ Space Force



Army Veteran →
Quantum Technician
@ Bandelier Tech



Veterinary Tech →
Quantum
Electromechanical
Build Technician @
Qunnect



Trainer →
Integration
Technician @
Aerovironment



Particle Physicist →
Educator @ EGTC



IT Specialist →
Quantum
Technician @ CNM



Accountant →
Quantum Intern
@ Space
Dynamics Lab



NH3 Technician →
Quantum
Technician @
Sandia

A wide-angle photograph of a desert canyon at sunset. The sun is positioned centrally on the horizon, creating a series of bright, radiating rays that fan out across the sky and the valley below. The sky is a mix of deep blues, purples, and oranges, with scattered clouds catching the low light. The canyon walls are rugged and layered, with some vegetation visible on the slopes. In the foreground, there are dense patches of dry, light-colored shrubs and grasses. The overall mood is peaceful and majestic.

Thank you