Sandia National Laboratories as a Catalyst for Regional Growth

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The National Academies
Clustering for 21st Century Prosperity
National Security Mission Space

Nuclear Weapons
One Management Unit
  • Nuclear Weapons

National Security Technologies & Systems
Three Management Units
  • Defense Systems and Assessments
  • Energy, Resources, and Nonproliferation
  • Homeland Security and Defense

Laboratory Transformation
Two Management Units
  • Integrated Enabling Services
  • Science, Technology, and Engineering
Research Foundations Drive the Capability Base

Strategic Capabilities

High Performance Computing & Simulation

Nanotechnologies and Microsystems

Extreme Environments

Computer Science

Materials

Engineering Sciences

Micro Systems

Bioscience

Pulsed Power

Research Foundations
Industrial Partnerships Provide Strong Value to Sandia and its Partners

Assurance™ Featuring TripleTred™ Technology

GOODYEAR
LOCKHEED MARTIN
HP
P&G
IBM
CORNING
ExxonMobil

Sandia National Laboratories
Mechanisms That Sandia Uses to Impact the Regional Economy
Sandia Science & Technology Park - NM

- Public/Private Partnership
- 30 tenants
- Average annual salary is twice Albuquerque average

Currently: 1,942 Jobs  
Ten Year Projection: 6,000 Jobs
Technology Clustering Around Sandia - NM

CINT

Ktech

EMCORE

Sandia National Labs

ATA

Poly-Flow Engineering

TEAM Technologies
New Mexico Small Business Assistance Program

- $2.4M State tax credit
- Projects in every NM County
- Return on investment to the State is $1.34 for each dollar invested
- 1020 small business jobs created/retained
Livermore Valley Open Campus and i-Gate - CA

- Livermore Valley Open Campus
- i-Gate – Innovation for Green Advanced Transportation Excellence
- Core of an Energy Research Cluster
- Public/Private Partnership with City of Livermore, LLNL, and others
Entrepreneurial Separation to Transfer Technology (ESTT)

138 scientist and engineers have left Sandia through ESTT since 1994 in both NM and CA

91 companies started up or expanded since 1994

More than 300 jobs created in past 5 years
EMCORE Success Story

- Sandian formed MODE in 1996 through the ESTT program
- EMCORE purchased MODE
- Licensed several technologies from Sandia
- Located in the SS&TP and expanded several times (350 employees today)
- Moved company headquarters to SS&TP
- Received technical assistance through NMSBA
How We Can Build On Our Success

- National Science Park Legislation
- National Incentives for Lab/Industry Partnerships