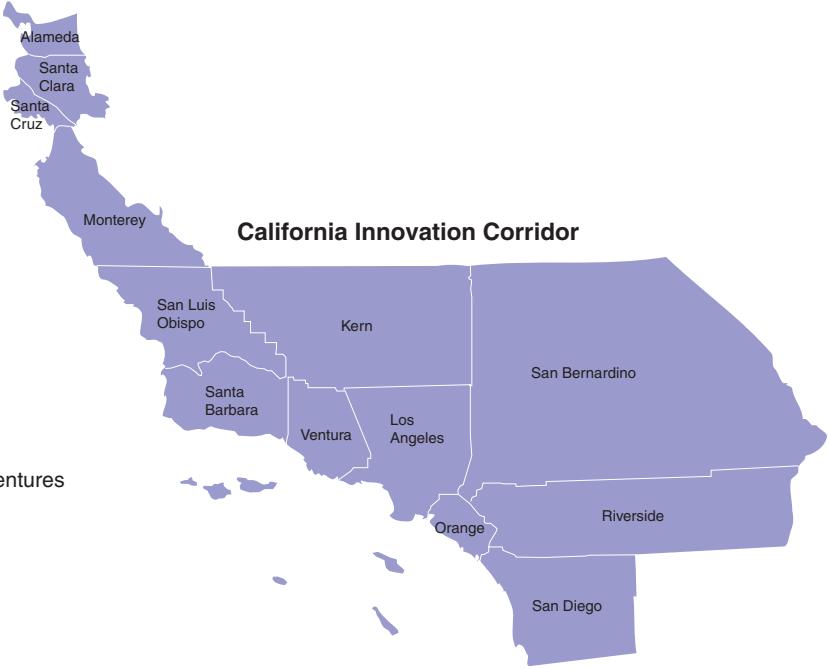


Partnering and Supporting Organizations

ACE Clearwater Enterprises
Aerospace Corporation, The
Allan Hancock College
Antelope Valley Board of Trade
Antelope Valley College
Bay Area Economic Forum/
Bay Area Science Infrastructure Consortium
Boeing Company, The
California Council on Science & Technology
California Manufacturing Technology Consulting
California Space Authority
California Space Education & Workforce Institute
California State Polytechnic University, San Luis Obispo
California Troops to Teachers
California Workforce Association
Cerritos College/Center for Applied Competitive Technologies
Chabin Concepts
City of Lancaster, Lancaster University Center/The Aerospace Office
City of Lompoc Economic Development Office
College of the Canyons
Economic Alliance of the San Fernando Valley
Economic Vitality Corporation of San Luis Obispo County
El Camino College
Employment Development Department,
Labor and Workforce Development Agency, State of California
Employment Training Panel, State of California
Garvey Spacecraft Corporation/
California State University, Long Beach
Golden Capital Network
Greater Antelope Valley Economic Alliance
Hannover Fairs USA, Incorporated
Kelly Space & Technology, Incorporated
Kern Economic Development Corporation
L5 Performance Systems
Lockheed Martin Space Systems Company
Los Angeles County Economic Development Corporation
Los Angeles City Workforce Investment Board
Los Angeles County Workforce Investment Board
Mains Associates
Mathematics Engineering Science Achievement (MESA)
Mission Community Services Corporation/Women's Entrepreneurial Ventures
NASA Ames Research Center
NASA Dryden Flight Research Center
NASA Jet Propulsion Laboratory
Naval Postgraduate School
Northrop Grumman Corporation
NOVA – North (Santa Clara) Valley Workforce Investment Board
Orange County Business Council

Orange County Workforce Investment Board
Private Industry Council of San Luis Obispo County
Raytheon Company
San Bernardino County Workforce Investment Board
San Diego East County Economic Development Council/Connectory
San Diego Workforce Partnership
South Bay Economic Development Partnership
South Bay Science Foundation
South Bay Workforce Investment Board
Southern California Edison
Space Exploration Technologies
Space Information Laboratories, Incorporated
Space Systems/Loral
Stanford University/Space Systems Development Laboratory
Stauffer Communications, LLC
Strategic Vitality, LLC
Supplier Excellence Alliance
University of California, Riverside/Bourns College of Engineering
University of California, Santa Cruz, Extension
University of Southern California, Viterbi School of Engineering,
Western Regional Applications Center (WESRAC)
Ventura County Economic Development Association
Workforce Development Centers of Riverside County
Workforce Investment Board of Ventura County



California Space Authority

Governed by a statewide board of directors, the California Space Authority is a nonprofit organization representing the diverse interests of the California space enterprise community in all three domains: commercial, civil and national security. As the State's designated Space Authority, CSA works closely with industry, government, academia/education and workforce entities.

Administrative Office • 3201 Airpark Drive, Ste. 204, Santa Maria, CA 93455 • (805) 349-2633
Capital Office • 1107 Ninth Street, Ste. 1005, Sacramento, CA 95814 • (916) 551-1543
Los Angeles Office • 3858 Carson Street, Ste. 110, Torrance, CA 90503 • (310) 316-3271
Pasadena Office • 150 East Colorado Blvd., Suite 302, Pasadena, CA 91105 • (626) 440-0565
San Bernardino Office • 294 South Leland Norton Way, Ste. 3, San Bernardino, Ste. 3, CA 92408 • (909) 382-7300
San Diego Office • 1870 Cordell Court, Ste. 202, El Cajon, CA 92020 • (619) 562-3400

www.californiaspaceauthority.org

CALIFORNIA INNOVATION CORRIDOR

Building a Better Tomorrow Through Collaboration Today

The Corridor

The California Innovation Corridor is more than a geographic region that spans the length of the State. The California Innovation Corridor that runs from Alameda in the north, San Diego in the south, and the Inland Empire and Antelope Valley to the east represents a burgeoning network of 13 counties and more than 60 participants focused on heralding innovation. It is a living organism, a coalition built on collaboration, a region among 13 other regions nationally that piece by piece is addressing the puzzle of what makes innovation work for businesses, schools, R&D labs, workforce agencies, and government organizations. The solution is three-fold:

- Entrepreneurial Development
- Global Competitiveness in the Manufacturing and Supply Chain
- Creation of a New Generation of Innovators and Aerospace Technicians



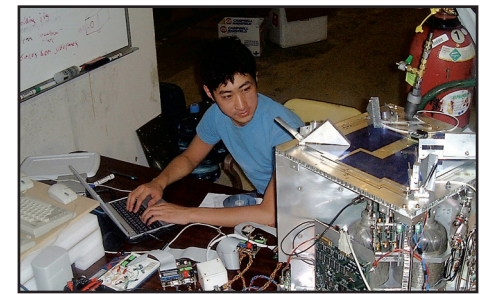
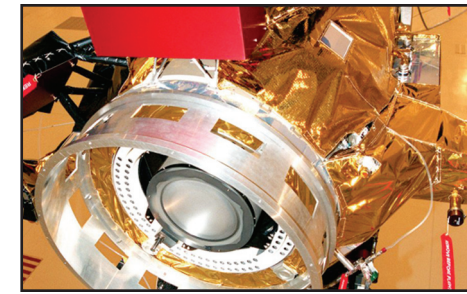
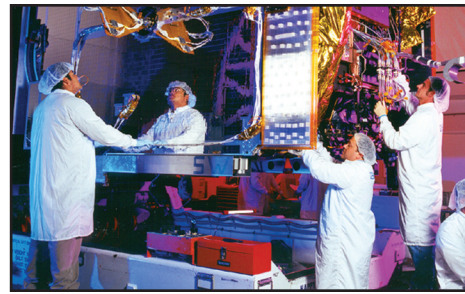
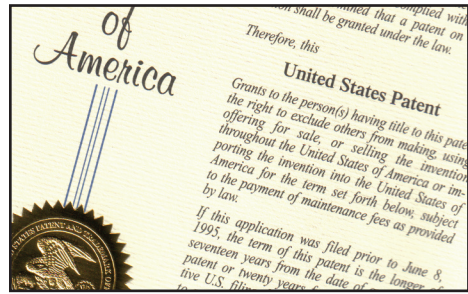
In January of 2006, Governor Arnold Schwarzenegger submitted to the U.S. Department of Labor the California Space Authority (CSA) "Workforce Transformation" proposal to secure the Workforce Innovation in Regional Economic Development (WIRED) grant. Through the WIRED initiative, the Corridor partners would create projects and events that encouraged innovation to thrive in the classroom environment, business development, scientific circles, and government agencies affecting America's capacity to remain a global leader on the leading-edge of new ideas, inventions, and services.

WIRED

The puzzle of successful innovation is predicated on the recognition that "global advantage" comes from regional collaborations not confined to a specific geographic area with boundaries, but linked by a highly dynamic network of participants. The WIRED grant has allowed participants to recognize that each co-participant in the network is a critical piece in achieving success through continued innovation—the creation of new ideas and services—converted into the commercialization of advanced, high-quality products and services. There are three interconnected strategies that can accelerate this wonderful process of innovation:

- Workforce Skill-Building and a Mindset to be a Life-Long Learner
- Investment and Entrepreneurial Plans
- Regional and Economic Development





California Innovation Corridor

“Workforce Transformation: Innovation Support, Industrial Rejuvenation, Talent Development”

The California Space Authority (CSA) has been selected to lead a 13 county economic region comprising the “California Innovation Corridor” to work in cooperation with the U.S. Department of Labor Employment and Training Administration, the State of California’s Labor and Workforce Development Agency and its Employment Development Department and over 60 industry, workforce and economic development partners in a joint effort to drive the Corridor’s entrepreneurship, global manufacturing competitiveness and 21st Century workforce development. The strategies and project subjects below are included in the CSA WIRED effort. The California Innovation Corridor participants are shown on the back page.

Innovation Support – *“Create new companies and high-skill, high-wage jobs by designing a replicable and sustainable “innovation support architecture” to increase innovation and entrepreneurship”*

- Creation of an Economic Development Toolkit
- Develop 21st Century Job Profiles to define future workforce skills and needs
- Compilation of an Innovation Asset Inventory to foster innovation and entrepreneurship
- Support of entrepreneurial companies, including SBIR Phase II awardees, to identify best practices that lead to commercialization
- A pilot program set to identify and replicate an existing successful model of technology transfer from a university to the business community
- Identification of a new model for student payload rideshare on military space lift
- Establish a WIB toolkit for support of entrepreneurial companies

Industrial Rejuvenation – *“Improve the international competitiveness of the region’s supply chain by developing and executing a “Smart Supplier Strategy” that supports manufacturers, small businesses and entrepreneurs in adapting to the global manufacturing transformation”*

- Identification of high priority supplier training needs through surveys, forums and industry input
- Characterization of “Smart Supplier” competitiveness skills
- Build a “Smart Supplier” resource for providers within the Corridor
- Development of an industry-driven community college Manufacturing Technician Training Program

Talent Development – *“Accelerate development of a highly skilled 21st Century talent pool by creating pilot projects and activities capable of supporting a continuum of math, science and engineering education (K-U), and lifelong learning relevant to the 21st Century worker.”*

- Compilation of a *Corporation Workforce Skills Analysis*
- Unifying a Space Employer/University Consortium
- Advancing space related experiential university internships and mentoring programs
- Develop and execute an outreach of systems engineering training programs throughout the Corridor
- Organize the development of a statewide STEM education collaborative action plan
- Creation and implementation of science and math middle and high school teachers institutes
- Originate an industry-driven training program to retrain dislocated software specialists for space related computer science technician work
- Orientation of university and graduate advisors to innovation-oriented acumen through the establishment of an industry mentorship link
- Advancing the Troops To Teachers recruitment and accelerated credentialing of math/science teachers
- Establish a model university and high school mentoring program
- Foster a community college industrial technology-based degree in Mechatronics
- Produce real-world curriculum for educator conferences focused on STEM education and space science
- Develop a virtual web-based participatory “California Space Education Center” using interactive and community building Internet technology”
- Building a Learning Collaboratory of training and best practices on innovative approaches to partnerships in support of an innovation ecosystem

A full description of the California Innovation Corridor’s 25 projects can be found online at www.californiaspaceauthority.org.

