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# California Innovation Corridor **WIRED Project**

Workforce Transformation:  
Innovation/Entrepreneurship Support  
Supplier/Supply Chain Competitiveness  
Talent Development

California Space Authority  
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# “Workforce Transformation” Project

- Economic Region:
  - The California Innovation Corridor
- Program Lead:
  - The California Space Authority (CSA)
- State of California Role
  - Technical support, fiscal agent, other support
- Partners
  - 13 county economic region, 60+ partners



# California Innovation Corridor



- West Coast of California
  - From San Diego County in the south
  - To Alameda County in the north

- Antelope Valley
- Inland Empire





# Key Grant Features: Strategies for System Transformation

- Rapid transformation of innovation to entrepreneurship (commercialization)
- Transformational renewal of manufacturing and supply chain to ensure global competitiveness
- Realignment of education and workforce development/training to produce world-class innovation-oriented 21<sup>st</sup> Century technical workers





# Established Need

- Entrepreneurship seriously under potential compared to other regions
- Manufacturing job loss due to global competition
- Technical workforce shortages on horizon
  - Graying of workforce
  - Technical grad pipeline inadequate





# California Space Authority (CSA) Program Lead

- Non-profit corporation supporting statewide space enterprise: commercial, civil, national security
- State designated “Spaceport Authority”
- Working with four sectors: industry, government, academia/education and workforce
- Ongoing statewide strategic planning including R&D and education/workforce initiatives





## State of California Role

- Technical assistance and support
  - Labor and Workforce Development Agency (LWDA)
- Fiscal agent
  - LWDA, Employment Development Department (EDD)
- Training reimbursement funding
  - Employment Training Panel (ETP)







# Roles of 60+ Partners

- Industry/Private sector/Small Business
  - Advisory/“real-world” experience
  - Private sector expertise
- Workforce Investment Boards
  - Needs/training analyses
  - Dislocated and unemployed worker linkage
  - Interface with industry/academia and economic development for community resource support





# Roles of 60+ Partners (cont.)

- Economic development entities
  - Inventory regional innovation assets
  - Identify candidate companies for projects
  - Create sustainable innovation economic development model
- Federal laboratories, R&D centers
  - Liaison to innovation assets/entrepreneurship





# Role of 60+ Partners (cont.)

- Education/academic partners
  - Curriculum, program development
  - Professorial/graduate internship program development
  - Hands-on “real-world” demos, pilots
- Other partners
  - Provide expertise for specific grant effort elements





# Projects: Innovation Support (sampling)

- Professorial/grad student fed lab internships
- Entrepreneurship training
- 21<sup>st</sup> Century target job analysis (bio, nano, info)





# Projects: Supplier Competitiveness(sampling)

- Identification of global competitiveness skills within manufacturing, supply chain
- Identification of regional training resources
- Define common requirements/training outcomes for “Smart Supplier” program across training provider network
- Manufacturing technician training







