

# PRECISION MANUFACTURING CENTRAL COAST OF CALIFORNIA

Anchored by two leading universities, the Central Coast has carved out a world-renowned niche in optics, lasers, quantum and nanotechnology, semiconductors and advanced materials.

## + UC SANTA BARBARA + INFRARED VALLEY

- Cluster of leading sensing, semiconductor and cleanroom companies centered around the university in Goleta, including Google's Quantum AI campus
- World-class university centers including the American Institute for Manufacturing Integrated Photonics' West Coast headquarters, California NanoSystems Institute and UCSB NanoFabrication facility
- Quantum Foundry, the nation's first-ever National Science Foundation facility focused on the development of materials for quantum information-based technologies

## KEY COMPANIES



## + TOP-TIER ENGINEERING AND ADVANCED MATERIAL PROWESS

- Among the top public engineering programs in the nation, Cal Poly and UC Santa Barbara offer specialties in industrial, mechanical, materials and manufacturing engineering, and partner with industry on research, prototyping and product development
- Cal Poly's Western Coatings Technology Center, UC Santa Barbara's Center for Polymers and Organic Solids and International Center for Materials Research drive innovation in areas such as polymers for semiconducting activity

“The region's research in these areas has informed quite a bit of invention globally.” — Economist Chad Shearer

## + TALENT PIPELINE PROGRAMS

- NSF-funded Central Coast Partnership for Regional Industry-focused Micro/Nanotechnology Education (CC-PRIME), training cleanroom manufacturing technicians, led by UC Santa Barbara and Santa Barbara City College
- Modern Manufacturing Bootcamp and apprenticeship programs through SLO Partners, a program of the SLO County Office of Education
- New coalition of education, workforce, and industry partners working toward additional upskilling avenues



10,000  
Jobs

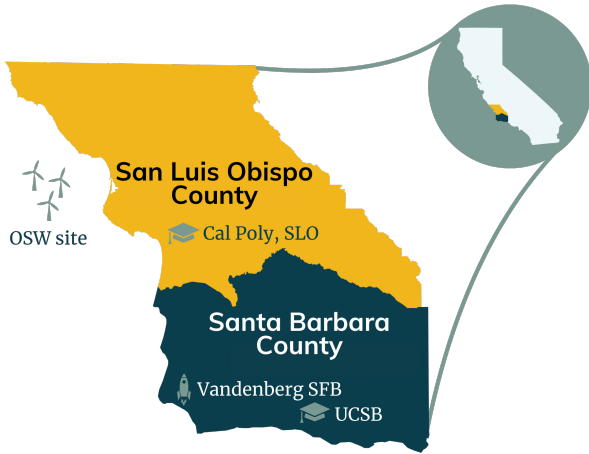
\$2.5B  
Regional industry



For more information visit [reachcentralcoast.org](http://reachcentralcoast.org) or contact [info@reachcentralcoast.org](mailto:info@reachcentralcoast.org)

# CENTRAL COAST OF CALIFORNIA

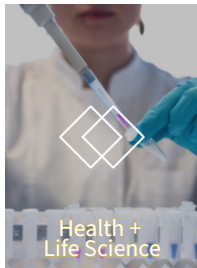
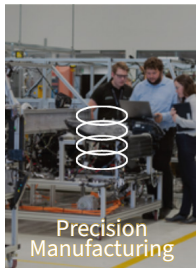
Join the locally grown and global companies that call San Luis Obispo and Santa Barbara Counties home — a welcoming, eclectic hub of innovation and unmatched quality of life.



## LAUNCHPAD FOR SPACE, CLEAN ENERGY + ADVANCED TECHNOLOGY

- Home to world's second-busiest spaceport and emerging leader in advanced air mobility and drone technology
- Longtime clean energy-exporting region now launching nation's first floating wind farms
- Groundbreaking research and innovation in quantum and nanotechnology, infrared and photonics, remote sensing and optics, and semiconductors and advanced materials

## KEY INDUSTRIES



“It's this wonderful blend of nature and science and great technology that I'm not really sure exists anywhere else in the world.”  
— Dr. Erik Lucero, quantum hardware production lead, Google



## SKILLED WORKFORCE + TOP-TIER UNIVERSITIES

- Highly skilled talent pipeline, with educational attainment rates that outperform state and nation
- University of California Santa Barbara and Cal Poly (California Polytechnic State University) SLO rank among nation's top public universities and engineering programs
- Three highly rated community colleges support workforce development through industry collaboration



## COASTAL PARADISE WITH EASY ACCESS TO MAJOR MARKETS

- Centrally located between Los Angeles and Bay Area/Silicon Valley
- 3 airports provide hassle-free travel on dozens of direct flights
- Miles of pristine coastline, open space and parks set amid world-class wine country, a temperate climate and dozens of distinct cities and communities

8,750

STEM graduates  
produced each year

377,259

Labor force

38%

Residents with  
bachelor's degree  
or higher



It's all within  
**REACH** CALIFORNIA'S  
CENTRAL COAST

For more information visit [reachcentralcoast.org](http://reachcentralcoast.org) or contact [info@reachcentralcoast.org](mailto:info@reachcentralcoast.org)