

Sacramento iHub
SARTA
Clean & Medical Technologies

North Bay iHub
Sustainable Resources & Socially Relevant Technologies

SF iHub
Biotechnology

InLand SoCal Link iHub
Economic Development, International Investment, & Job Creation

i-Gate iHub
Clean Technology & Green Energy

CalValleyTech iHub
Technological Innovations in Water Energy & Agriculture

East Bay Green Corridor iHub
Clean Technology

San Joaquin iHub
Healthcare, Sustainable Construction & Agrobusiness

OCTANE iHub
Biomedical, Information & Clean Tech

Coachella Valley iHub
Entrepreneurship & Clean Technology

San Diego iHub
Convergence of Mobile Health/Biofuels/Solar energy and Energy Storage

North State iHub
Cleantech, Medical Technology, Information Technology, & AgriTechnology

SJ/SV Emerging Technologies iHub
Clean & Emerging Technologies

CNMI iHub
Advanced Manufacturing Collaborative

IDEA iHub
Defense, Energy & Aerospace

Cleantech LA iHub
Clean Technology



iHub

California
Innovation@Work

REGIONAL INNOVATION HUBS





California Innovation Hubs

The California Innovation Hubs (iHubs) form a robust statewide innovation-based economic development support network of regional innovation clusters designed to stimulate local, regional, and statewide job creation.

The 12 iHubs have each designated a key technology cluster as a core focus and encourage relationships between federal laboratories and research institutions to foster new research opportunities and generate innovative ideas.

By creating collaboration opportunities across a broad spectrum of disciplines, the iHubs are able to share information on best practices, leverage statewide assets and develop strategic partnerships in order to bring products to commercialization sooner.

Each iHub represents an independent partnership between local government entities, research institutions, venture capitalist networks, and economic development organizations. All are anchored by at least one major university or research center/institution, at least one economic development corporation, and typically contains assets including research parks, technology incubators, community colleges, business accelerators, and federal laboratories.

These localized resources afford existing as well as start-up businesses with greater access to students, internships, workforce development, technology transfer, research relationships, facilities, incubator space, and technology for accelerated business development. They also provide access to a variety of business services including staff training, financing advice/contacts, potential innovation funds, technology transfer information, and online access to State resources (e.g. the Innovation Asset Mapping Inventory).

The iHub program seeks to enhance the state's national and global competitiveness by stimulating partnerships, promoting economic development, and helping create new jobs around specific technology clusters throughout the state.

For more information on iHubs, visit our website: <http://bit.ly/CAIHubs> or email GoBiz.Innovations@gov.ca.gov

REGIONAL LOCATIONS OF THE INNOVATION HUB PROGRAM





The County of Riverside and the Port of Los Angeles have joined forces to cooperatively promote successful economic development, enhanced international investment, job creation and retention. This partnership is the foundation for a collaborative effort that will extend to the County of San Bernardino. The purpose of the Inland SoCal Link iHub is to maximize opportunities within the transportation corridor linking the Los Angeles port with the Inland Southern California region.

In the spring of 2010, the state of California launched its new, forward-thinking Innovation Hub (iHub) program in an effort to harness and enhance California's innovative spirit. The iHubs improve the state's national and global competitiveness by stimulating partnerships, economic development, and job creation around specific research clusters through state-designated iHubs. The iHubs leverage assets such as research parks, technology incubators, universities, and federal laboratories to provide an innovation platform for startup companies, economic development organizations, business groups, and venture capitalists.

The iHub will promote economic development and innovation based opportunities in the Inland SoCal Link corridor.

It will also boost the area's effort to create additional programs and institutions that will foster new research and knowledge centers with a focus on advanced logistics.

As such these goals will include:

- Promote collaboration and industry development in the advanced manufacturing and logistics sectors.
- Expand the volume of exports through the Port of Los Angeles that are manufactured or produced from Inland Southern California.
- Encourage foreign direct investment as a mechanism for regional job creation.
- Form a sustainable platform to support federal, state and local legislative matters that are mutually aligned between Port of Los Angeles and Inland Southern California.



The California Network for Manufacturing Innovation (CNMI) was founded as a state-wide collaborative organization to support and foster the manufacturing sector. The CNMI acts as a state-wide collaborative of National Research Laboratories, MEPs, academic institutions, Economic Development Organizations, manufacturers and equipment suppliers to support and foster advanced manufacturing in California.

CNMI is designed as a one stop organization for Small and Medium-Sized Manufacturers (SMMs) to secure workforce development, technology transfer, and improvement services throughout California. CNMI programs will provide SMMs access to advanced manufacturing technologies fostering growth and competitiveness in the global marketplace.



Cleantech LA brings together business, capital, government, and academia to commercialize clean technologies and grow the Cleantech sector in Los Angeles. By supporting early stage companies, targeted R&D, and collaboration among the region's key stakeholders, Cleantech LA delivers on the regions goals of sustainability, livability and job creation.

- The LA region is home to more Cleantech startups than any other region in the nation, boasting the largest port complex in the nation, the world's fifth busiest airport, world-class research universities, an unparalleled workforce, the largest manufacturing center in the nation, and a county with a \$24 billion annual budget.
- Partners include the LA Mayor's Office, LA Department of Water & Power, UCLA, USC, Caltech, JPL, CSUN, LAEDC, LA Chamber, LABC, LA County, Port of LA, Metropolitan Water District, SoCal Gas, SCE, and more.
- The LA Cleantech Incubator (LACI) serves as a high-impact, public-private commercialization engine for early stage Cleantech companies, offering unique programs, expertise, coaching, education, plug & play space, and access to a broad network of business, capital, government and academic partners.

iG i-Gate iHub
Livermore, California
<http://bit.ly/iGATEiHub>

The i-GATE partnership is supported by seven regional cities, economic development organizations, federal laboratories, universities, and the State of California iHub program.

- i-GATE, based in Livermore, California, operates a 501(c)3 non-profit technology business incubator (NEST), an Academic Alliance, and a non-profit facility development corporation.
- The National Energy Systems Technology (NEST) incubator supports small businesses engaged in green transportation and clean-energy technologies.
- i-GATE technology and technical assistance partners include Sandia National Laboratories/California, Lawrence Livermore National Laboratory, and the Joint BioEnergy Institute.

SjV SJ/SV Emerging Technology
San Jose/Silicon Valley, California
<http://bit.ly/SJSViHub>

The San Jose/Silicon Valley Emerging Technology iHub coordinates and catalyzes activities that increase the job base, entrepreneurship, and research funding in the region through increased collaboration among emerging industry clusters and supportive or related sectors such as top flight universities, financiers, entrepreneurs, workforce development agencies, business assistance organizations and government.

- Targeted emerging technologies include clean technologies that will harness the power of renewable energy sources and unlock the potential of information technology and digital communications to modernize our energy infrastructure—creating consumer facing “smart”

applications for buildings, devices and electric vehicles.

- Efficiencies created as a result of these and other transformative technologies offer solutions in a carbon-constrained future, and result in expenditure shifting that supports economic development and job creation in the U.S.
- San Jose/Silicon Valley iHub Partners represent a wide range of disciplines and were selected for the strong contributions that they will make to the collaborative.

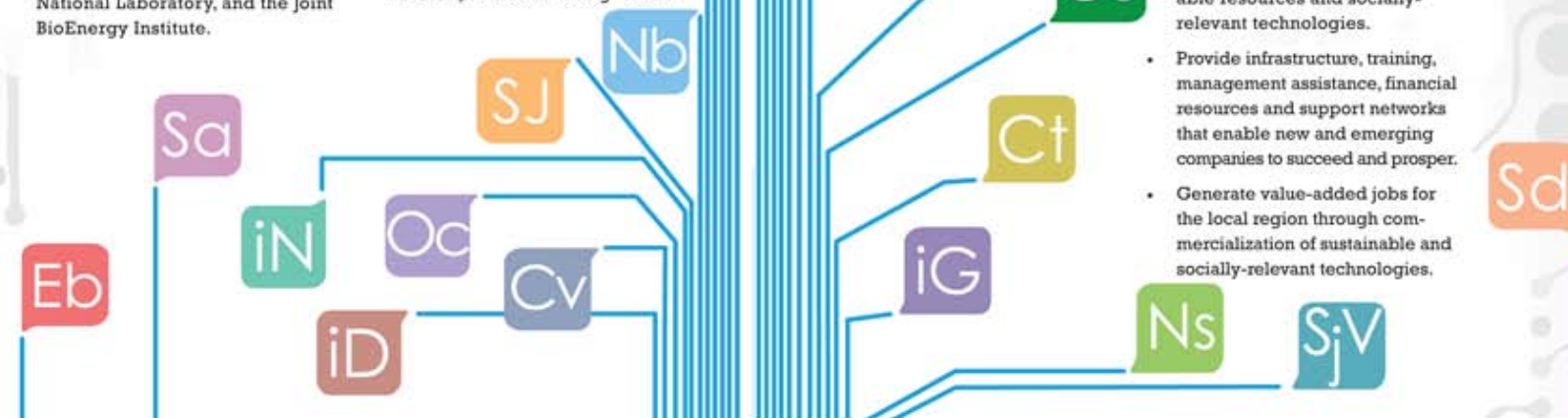
Nb North Bay iHub
Santa Rosa, California
<http://bit.ly/NBiHub>

North Bay iHub's function is to assist technology entrepreneurs and start-up companies in achieving success by providing an affordable physical infrastructure, an intellectual and entrepreneurial environment, a supportive service network and one-on-one mentoring.

North Bay iHub is primarily comprised of a business incubator specializing in sustainable resources and socially-relevant technologies.

By providing young companies both the location and the support services they need, North Bay iHub is able to:

- Stimulate regional economic development through entrepreneurship and enterprise development.
- Reinvigorate Sonoma County's technology industry, making it a recognized center for sustainable resources and socially-relevant technologies.
- Provide infrastructure, training, management assistance, financial resources and support networks that enable new and emerging companies to succeed and prosper.
- Generate value-added jobs for the local region through commercialization of sustainable and socially-relevant technologies.





CONNECT, San Diego iHub Coordinator, is a 25-year old non-profit organization dedicated to propelling creative ideas and emerging technologies to the marketplace and focuses on research institution support, business creation and development, entrepreneurial learning, access to capital and public policy.

- The San Diego iHub is made up of 33 signatories and includes the leading academic, research, government agencies and professional associations in the region.
- The San Diego iHub is focused on the expansion of five innovation sectors: wireless health, biofuels, solar energy, energy storage and advanced manufacturing.
- The mission of the San Diego iHub is to develop new technology clusters, create high-quality employment opportunities, attract funding for new innovative technologies, and support start-up formation.



SF iHub serves as a platform for coordinating innovative business creation, recruitment and strategic partnerships within one of the world's primary centers of innovation and entrepreneurship.

SF iHub is a pan-sector initiative, encompassing information technology, biotechnology, clean tech, creative services and new media, along with light manufacturing, including fashion, food and beverages and professional services.

The goal of the SF iHub is to focus and support San Francisco as a global center for innovation and entrepreneurship, to incubate new ideas, and to create disruptive change on a global scale. It serves as a resource for information, problem-solving, space needs, and connectivity among other like-minded, innovative and creative individuals and organizations.

- SF iHub supports San Francisco's worldwide leadership in biotechnology, including the build out of Mission Bay as a world center for health research and delivery.
- SF iHub serves as a resource to information technology, creative services, and digital media firms who are forging new paths of connectivity and communication on a global basis.
- SF iHub supports existing incubators and public-private business partnerships, including Fashion Incubator SF, ChinaSF, and SF Made.
- SF iHub encourages and promotes values of sustainability, environmental responsibility, and zero waste for a more humane and healthy environment.
- SF iHub is coordinated through the San Francisco Center for Economic Development, along with the Mayor's Office of Economic Development.



OCTANe, based in Orange County, CA, a 501(c)3 non-profit is creating a cohesive network of companies, universities, entrepreneurs, associations, venture capital firms and strategic services partners all working together to create a more robust innovation environment and stimulate job growth.

- OCTANe's goal is to combine people and ideas with capital and resources to build the high technology ecosystem.
- OCTANe's LaunchPad is a powerful business creation and acceleration engine to identify high-potential ideas, people, and/or technologies and quickly deploy targeted capital.
- OCTANe works with existing companies in and outside of Orange County helping senior executives access intelligence, new technologies, and talent.
- OCTANe is creating a forum for technology company leaders to have a lasting impact on the future of Orange County and the State of California.



Eb East Bay Green Corridor iHub
East Bay, California
<http://bit.ly/EBGCCiHub>

The East Bay Green Corridor's mission is to create a thriving region of green technology innovation, commercialization and local economic development in a manner that creates high quality jobs and meets environmental and social goals.

- Established in 2007 by UC Berkeley, Lawrence Berkeley National Lab, and the cities of Berkeley, Oakland, Richmond and Emeryville, the corridor expanded in 2009 to include the cities of Alameda, Albany, El Cerrito and San Leandro, California State University East Bay, and the Peralta Community College District.
- The Green Corridor supports CleanTech startups and businesses in the East Bay's innovation ecosystem by offering a beta test program, site location assistance, business incentives and promotion, public/private partnerships and regional policy initiatives.
- The Green Corridor is boosting the market for renewable energy by developing a standardized solar energy permitting process that will create a more efficient and streamlined process and expedite the deployment of solar energy in the region.



iD IDEA iHub
Ridgecrest, California
<http://bit.ly/IDEAiHub>

For a small emerging technology company, University research team, or established high-tech business the region encompassed by California's Kern and Ventura Counties provides an ideal backdrop to incubate and grow Defense, Energy and Aerospace technology and business. With the Naval Air Warfare Center and NASA Dryden Flight Research Center as featured Federal laboratories, technology partners can benefit from the combined expertise of over 7,000 scientists, engineers, logisticians, prime government contractors, acquisition professionals and military operators. Additionally, participants can access vertically integrated RDT&E facilities and resources co-located with world class land, sea and air test ranges capable of simulating nearly any environment.

The California IDEA Hub provides unique access to a robust ecosystem addressing many of our Nation's most critical science and technology needs. Public and private partners in the hub find mutual benefit by working collaboratively to

foster innovation and create economic growth in surrounding communities. Harnessing the strengths of diverse organizations to leverage expertise in research, development, test and evaluation, we enable technology advancement to the industries we serve by:

- Performing nationwide promotion of the region's innovation ecosystem.
- Facilitating partnerships between Government, Industry and Academia.
- Providing business incubation services and facilities for entrepreneurs and start-up companies.
- Connecting private sector capital with technology commercialization opportunities.
- Pursuing funded research opportunities to strengthen the regional technology base.
- Hosting training and networking events to act as catalysts for idea exchange, collaboration, and knowledge sharing across Defense, Energy and Aerospace industries.



Co Coachella Valley iHub
Palm Springs, California
<http://bit.ly/CoValiHub>

The Coachella Valley iHub located in Palm Springs, California is not only a recognized world class destination resort; it is also renowned for wind energy farms and utility and small scale solar projects. With an emphasis on renewable energy and clean technology development, the CViHUB offers the following programs and services:

- Training, workshops and networking opportunities for entrepreneurs and start-up companies.
- Connections to national laboratories, universities and community colleges, and other business development agencies.
- Access to low-to-no cost incubator space and connection to resources, including industry experts, angel and venture capital partners; workforce training, accountants, attorneys and the Small Business Administration.
- Access to the City of Palm Springs Accelerator Campus' 41,000 square feet of industrial and medical innovation space for graduating companies from the CViHub that choose to pursue research, operations, or manufacturing as part of their business models.



CalValleyTech iHub
Central San Joaquin Valley,
California
<http://bit.ly/CalVTiHub>

The CalValleyTech iHub, operating within the Central Valley of California, is a joint partnership of the Central Valley Business Incubator and Merced County Department of Commerce, Aviation & Economic Development.

- The focus of the iHub is to foster innovation, commercialize new technologies, strengthen the Valley's role in local and state economic development and create new, tech-based, high-paying jobs in the region.
- The effort will primarily support initiatives in the areas of agriculture, water, and solar and other renewable energy technologies.
- The CalValleyTech iHub provides technical assistance in the areas of business acceleration and expansion, access to capital resources, and connection to key partners within the region.
- Innovators will benefit from the academic and research partnerships through University of California, Merced and California State University, Fresno as well as connections to markets and industry partners.



Innovate North State iHub
Chico, California
<http://bit.ly/NStiHub>

The Innovate North State iHub helps start-up and early-stage technology companies scale by connecting them with local and non-local industry experts, capital sources and customers.

- The Innovate North State iHub also operates a new business incubator, The Innovation Lab, which is focused on 5 sectors: Manufacturing, cleantech, medical technology, information technology, and agritechology/food products.
- The Innovate North State iHub fosters technology transfer and commercialization by connecting the applied research occurring at California State University Chico with off-campus business and industry experts.
- The Innovate North State iHub provides domain specific mentoring services on specific growth-related action items for our member companies. This is different than providing generalized "business plan" advising.



Sacramento iHub SARTA
Sacramento, California
<http://bit.ly/SaciHub>

For ten years, SARTA has supported the growth and success of technology companies in the Sacramento region, across the full range of technology sectors. As the lead for the Sacramento iHub, SARTA works with its partner organizations to support the clean technology and medical technology sectors specifically.

- SARTA's programs and services share three common goals: to link entrepreneurs and technology executives to the resources they need to be successful; to raise the profile of the technology sector in the Sacramento region; and to provide learning and training opportunities to technology industry executives.
- SARTA's programs include peer-led CEO Forums, the Med Tech and Clean Tech Showcases, the Venture Lab incubator facility, VentureStart, providing guidance and mentoring, and the annual Tech Index Celebration of the top fifty technology companies in the region, among others.



iHub San Joaquin
San Joaquin, California
<http://bit.ly/iHubSJ>

One of the State's newest innovation hubs, iHub San Joaquin (iHub SJ) is dedicated to supporting and advancing innovative and emerging technologies and businesses in the core areas of Health Care, Sustainable Construction Technologies and Agribusiness.

Coordination of iHub SJ is shared by the San Joaquin County Administrator's Office and the Business Incubator and Innovation Center at the Preserve (BIC). iHub SJ's primary mission is to:

- Accelerate the "research to care cycle" and support the development of tools that will improve access to and delivery of health care services.
- Lead the state in developing sustainable construction methods and technologies by employing strategies that reduce the building industry's carbon footprint and its consumption of natural resources.
- Foster innovation in clean, affordable ag-technology; promote their application; and improve occupational safety.

iHub SJ is launching programs that harness the resources and strengths of its partners, including business, universities, entrepreneurs and economic development organizations, to improve state and local competitiveness.