



Los Angeles Cleantech Incubator: Unlocking Clean Reliable Technologies

Mayte Sanchez, Energy Director, Market Transformation



California's Entrepreneurial Ecosystem

- LACI is an award recipient of the Energy Commission's Electric Program Investments Charge (EPIC) Program
- EPIC award supports LACI's work to build a **regional innovation ecosystem** that supports the **discovery and commercialization** of clean energy technologies
- To broaden the region's understanding of cleantech solutions and challenges to market transformation, LACI produces the **Cleantech Market Landscape Report**

California's Regional Energy Innovation Ecosystem

The map shows California divided into four color-coded regions. The western coastal region is highlighted in red and labeled "cyclotronroad". The central and northern regions are highlighted in blue and labeled "BLUETECH VALLEY". The southern coastal region is highlighted in purple. The southeastern region is highlighted in green and labeled "SOUTHERN CALIFORNIA ENERGY INNOVATION NETWORK".

cyclotronroad

BLUETECH VALLEY

LACI

SOUTHERN CALIFORNIA ENERGY INNOVATION NETWORK

Imperial | Riverside | San Bernardino | San Diego



2021 Clean Energy Priorities



Clean Energy

LACI'S PRIORITIES

Identified Priorities

LACI Startups & Alumni

The Why

Diverse Energy Storage Systems



Enables US to curb dependence on international supply chain and create energy related jobs and creates sustainable forms of batteries. Last 20% of carbon-free grid will require long-duration energy storage solutions.

Cybersecurity & Wildfire Resiliency



2020 set records in California and around the world in terms of fire damage. Western U.S heat waves, and subsequent blackouts, magnified grid vulnerabilities and the need for grid modernization.

Flexible Load Technologies



In part based on recent blackouts, California utilities and energy state agencies will incentivize more demand response capabilities, develop load management standards and integrate multi-DERs to offset peak demand.

Vehicle to Grid (V2G) & Vehicle to Building (V2B)



The California Public Utilities Commission clarified V2G DC charging or bidirectional EV charges can be interconnected with utility permission. Better integration of DERs are necessary as we reach greater electrification level.



Reliability Challenges in 2020

- LACI will be prioritizing the following issues to promote resilient clean energy communities in Southern California and beyond:



Distributed Energy Resources



**Energy-Transportation
Nexus**

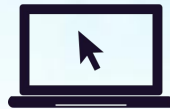


Building Electrification



Thank You

Stay Connected with LACI



laci.org



[@laincubator](https://www.instagram.com/laincubator)