

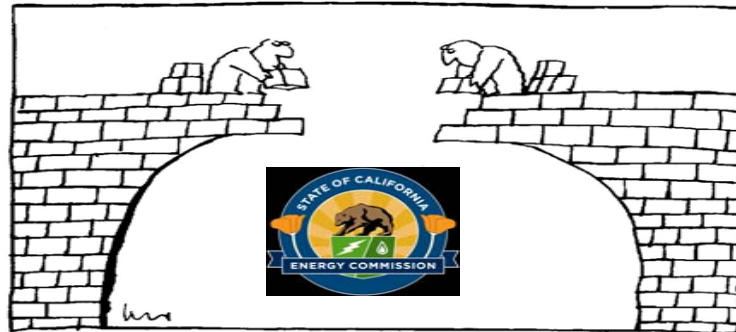


BLUETECH VALLEY

November 7th 2017
Kern Energy Summit

BUILDING CALIFORNIA'S ENERGY INNOVATION ECOSYSTEM

...To overcome the technological valley of death



..by creating a statewide network of participants and resources that assists clean energy entrepreneurs cross the valley of death

BLUETECH VALLEY

Innovation Ecosystem – Regional Clusters



- 4 regional Clusters
- \$20 million in total funding
- Common goal – to Address Path to Market Barriers For Entrepreneurs
- CYCLOTRON ROAD
- ENERGIZE CALIFORNIA
- CLEANTECH SAN DIEGO
- BLUETECH VALLEY

WHY an Innovation Ecosystem



- Barriers in the path to market



- Financial and time constraints



- Entrepreneurs lack various expertise

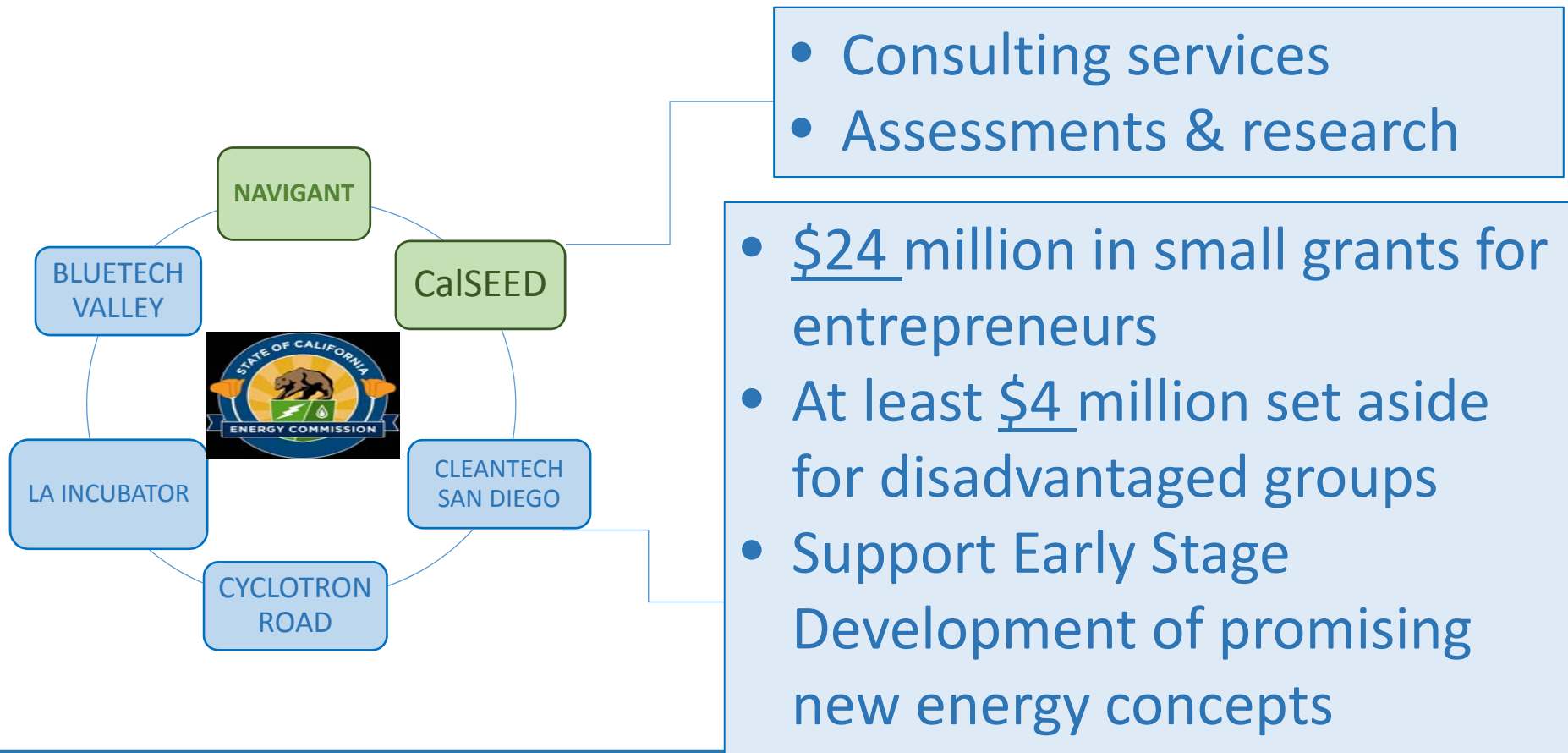


- Inability to develop and test technologies



Accelerate the rate of innovation and growth of energy-oriented technologies and services that provides benefit to the CA ratepayer

Innovation Ecosystem – Supporting initiatives



BlueTechValley Innovation Cluster

- 39 counties
- “Hub and Spoke” Model
- Regional Approach
- Hubs
 - CSU Monterey Bay, Chico, Sacramento, Humboldt, Bakersfield
 - Sierra SBDC Center



BlueTechValley Innovation Cluster

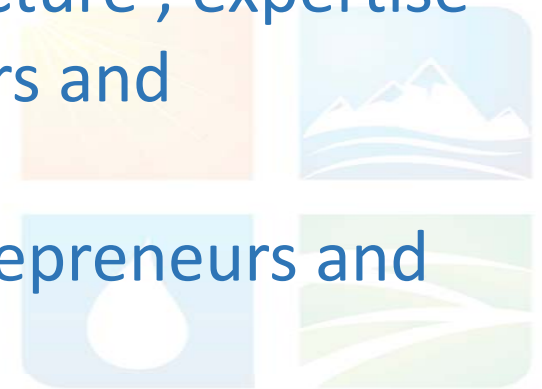
- **Partners**

- **Kern County EDC**
- UC Davis
- UC Berkeley
- Grant Farm
- Schatz Energy Research Center
- Clean Tech Open
- AgH2O
- OCED



BlueTechValley Innovation Cluster - Objectives

- Focus on Water, Energy and Agricultural Sectors
- Create a culture that attracts local, regional, global entrepreneurs, ideas and technologies
- Provide services, infrastructure, expertise and resources to innovators and entrepreneurs
- Targeted DAC effort – entrepreneurs and solutions

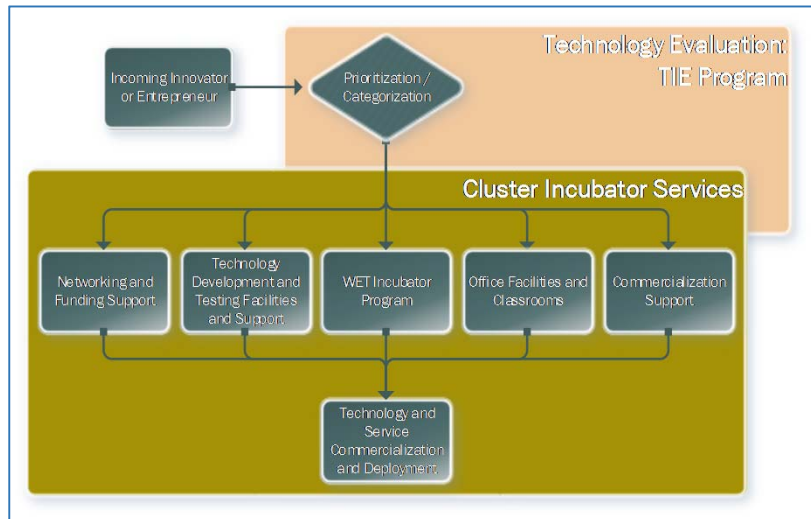


Energy Innovation Ecosystem Technology Eligibility

- **Generation technologies**
 - Examples: Solar PV, Wind, biogas, energy harvesting, etc.
- **Transmission & Distribution technologies**
 - Examples: Microgrid controllers, superconductors, EV chargers, grid-scale energy storage, sensors
- **End-Use technologies**
 - Examples: Customer side energy storage, energy efficiency, water energy technology nexus, demand response & demand control of technologies, industrial electrification, IOT technologies that directly support efficient and effectiveness use of electricity



Resources/Services



- TIE Program
- Commercialization support
 - Business plan
 - Access to Funding
 - Education/training
 - Market research
- WET Center services and plug-and –play space
- Testing and demonstration
- Events

Valley Ventures Accelerator



- The opportunity to engage with potential customers, stakeholders, and leading investors.
- Feedback and guidance by industry leaders.
- A community of like-minded entrepreneurs to grow with and learn from.
- Sector-specific startup curriculum tailored to the needs of agriculture, water, and energy tech companies.



How to get involved

- Entrepreneurs and innovators
- Small Business
- Subject Matter Experts
- Mentors
- Investors





BLUETECH VALLEY

5370 North Chestnut Avenue, MS/OF 18, Fresno, CA 93740

Phone: 559.278.2066 | Fax: 559.278.6033 | bluetechvalley.org

