

# Regional Overview

July 22, 2010

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## CleanTECH San Diego



# Background

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**CleanTECH San Diego was created in 2007 to:**

- **Support Job Creation.** Advance and diversify the San Diego region's economic development goals
- **Build a Common Agenda.** Bring together the region's diverse clean tech Stakeholders around a common agenda
- **Prepare for the New Economy.** Help San Diego prepare for and benefit from California's proactive regulatory policies
- **Mission:** Accelerate the San Diego region as a world leader in the clean technology economy

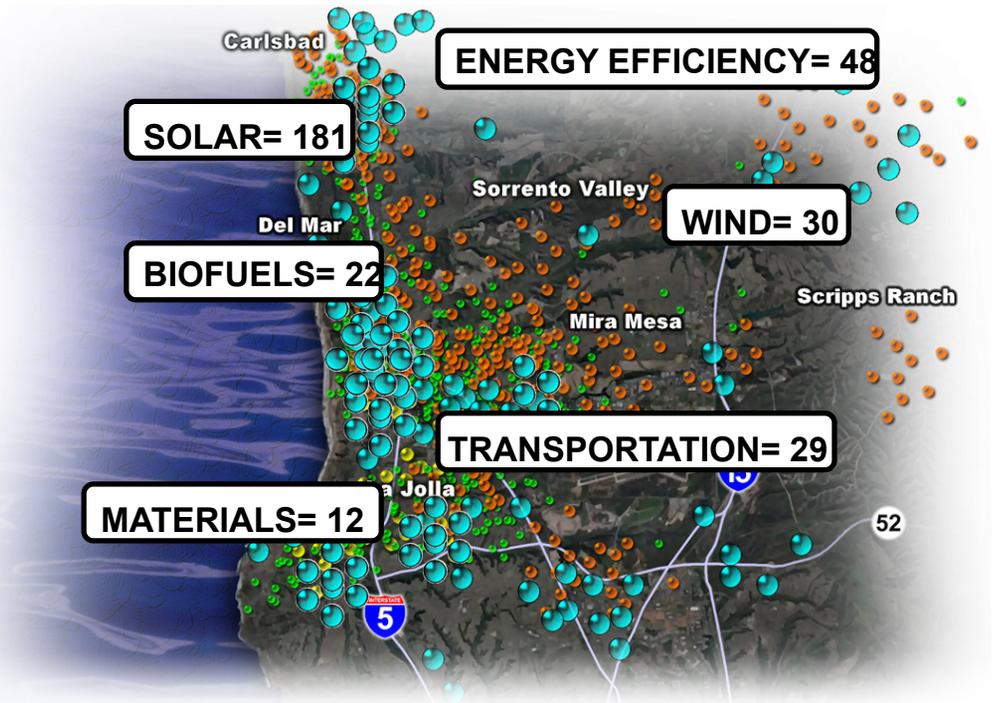


# The San Diego Clean Tech Economy

**Top 10** | Cleantech Cluster Organizations for 2010!

## 718 Clean Tech Companies and Counting

- Robust, upward trending new company growth
- Strong focus on innovation with over 50 world-class research institutions providing R&D venues and demonstration sites
- Active partnership culture with multiple market connectivity organizations
- Recent iHub designation from Governor's office for solar energy and storage



# Clean Renewable Energy Bonds (CREBs)

## San Diego Scores Big Win with Clean Renewable Energy Bonds

- San Diego Region Secures \$154 MM in CREBs
- Allocation is 19% of Total Moneys Available
- Financing Opportunities will Support New Jobs and 20 Megawatts of New Solar Power Projects. Winners Include:

City of Chula Vista	\$29,648,926
City of Lemon Grove	\$1,004,494
Fallbrook Public Utility District	\$292,091
San Diego State University	\$2,442,005
San Diego Unified School District	\$74,290,010
San Dieguito Union High School District	\$8,269,000
City of Santee	\$3,081,420
Santee School District	\$20,660,000
University of California, San Diego	\$14,961,540
<b>Total for San Diego Region</b>	<b>\$154,649,486</b>



# Solar Manufacturing

## Key Market and Policy Considerations

- Need for strong and growing market to recoup manufacturing investment and grow business
- Desire to reduce costs and improve product quality
- Policy and market support for diverse products such as FiT and CREBs to ensure broad and competitive market that is available and affordable to all segments

## Siliken Renewable Energy

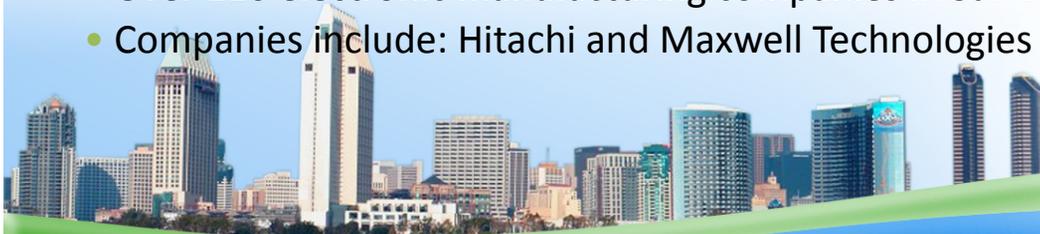
- Produce modules and integration modules
- Annual production capacity of **30 MW** with a workforce of 100

## Kyocera Solar

- Newly expanded manufacturing facility will create **75 new jobs** with a projected annual production of **30 MW**

## Large Contingent of High Tech Manufacturing

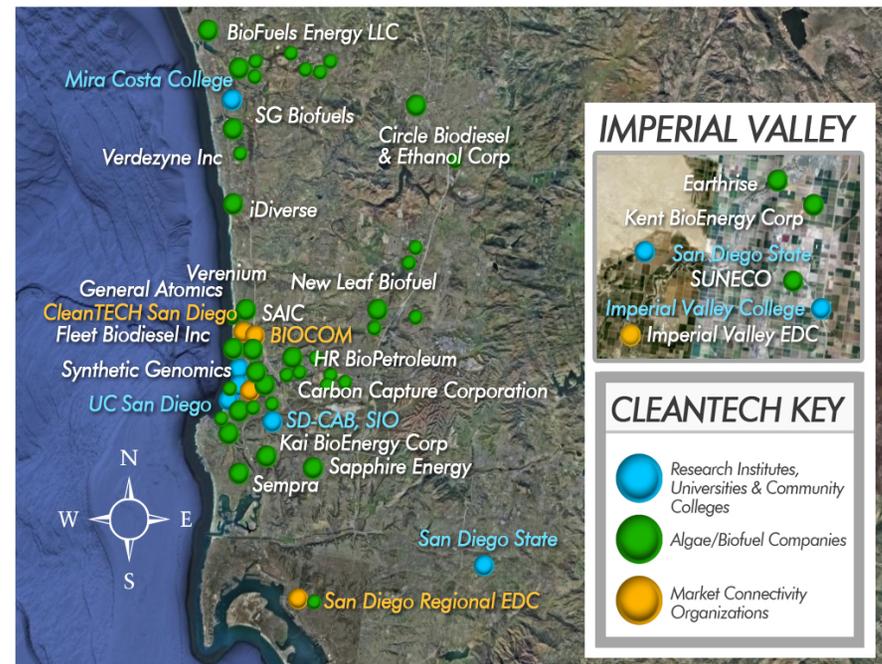
- Over 110 electronic manufacturing companies in San Diego
- Companies include: Hitachi and Maxwell Technologies



# San Diego at its Best: Biofuels

- **Over 30 biofuels companies call San Diego home**
  - Strong research assets
  - Important Imperial Valley link
- **Already an economic contributor**
  - SANDAG study shows 410 direct jobs
  - \$108 million in total economic activity
- **Growing manufacturing/commercial needs**
- **Skilled workforce is a key barrier**
- **Edge Initiative:**
  - Funded by a GoEd Challenge Grant
  - Collaborative between BIOCOM, CleanTECH, EDC, SD-CAB and Workforce Partnership
  - Total projected employees trained via EDGE through 2016: >1200

## SAN DIEGO



# Contact Information

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