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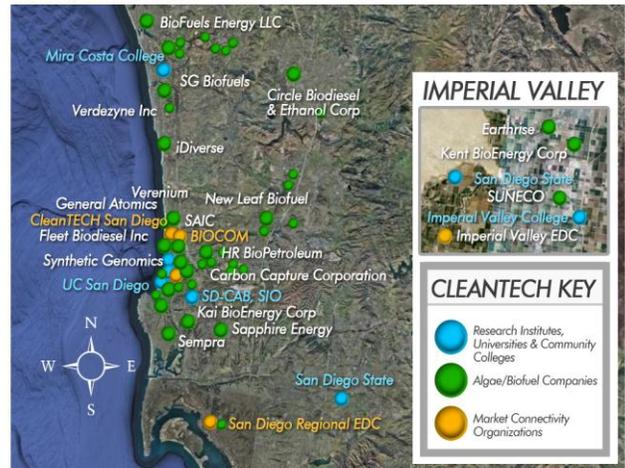
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RECD. MAY 30 2012

The EDGE Initiative. The EDGE Initiative will provide education, training and placement services in the growing biofuels/industrial biotechnology industry to unemployed and incumbent workers within San Diego and the Imperial Valley. Program curriculum has been carefully constructed with input from industry partners to ensure that these sectors' needs are met with highly skilled workers.

Our Growing Biofuels/Industrial Biotechnology Industry. A recent analysis conducted by SANDAG reports that research in algal biofuels employed 466 workers in San Diego, and provided more than \$41.0 million in payroll and \$80.9 million in economic activity for the San Diego region in 2011. Algal biofuels continues to show strong growth in the region, despite the sluggish economy. The number of jobs in 2011 is an increase over the 410 jobs identified in 2010 and is more than double the number of workers (215) in 2009. According to results from the CA Industrial Biotech Workforce Survey conducted in late summer 2011, 18 industrial biotechnology companies in Southern California reported having no employees in 2006. Today those companies account for 3,245 jobs.

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Curriculum. Starting in April, 2012, the second cohort of courses is being offered at UCSD Extension and MiraCosta College. The Industrial Biotechnology Immersion Program launched in August, 2011, and was fully subscribed within two months.

- **Industrial Biotech Immersion Program:** This online certificate program uses industry driven curriculum to give individuals the business acumen and soft skills needed to successfully transition into industrial biotech careers.
- **Biomass Production Training Certificate:** This certificate provides a foundation in the technologies employed by biotechnology companies engaged in the production of microalgal biomass for biofuels and other applications for biomass production careers.
- **Biofuels Science Technician Certificates- Biological/Biofuels Lab Technician, Microbiological/Crop Management, Biofuels Analytical Chemist:** This certificate provides the hands-on technical knowledge and experience in biofuels production, analysis and processing required to excel in a management-level biofuels career, in one of three areas: analytical chemistry, microbiological/crop management, or biological/biofuels lab techniques.
- **Paid Internships:** The EDGE Internship program provides opportunities to work in the rapidly emerging biofuels/industrial biotechnology industry. Each work experience is tailored to a participant's education level and capabilities, and interns gain exposure to career options, hands-on laboratory experience, work readiness skills, and mentoring by industry professionals. Beginning in June 2011, 100 full-time, 8 week internships will be available on a first come, first served basis.
- **Who May Apply:** 1) Unemployed individuals looking to work in a high growth industry; 2) Individuals transitioning from declining industries; 3) Students making a career choice; 4) Veterans transitioning into civilian work environments

Enrollment. We encourage individuals to start the application process today. Please contact:

Karen Overklift, Associate Director of Outreach & Enrollment,
858-455-0300 x 104 or koverklift@biocom.org
<http://algae.ucsd.edu/spreading-the-word/edge.html>

The EDGE initiative is public-private partnership that includes: CleanTECH San Diego, BIOCOC, BIOCOC Institute, San Diego Regional EDC, Imperial Valley EDC, San Diego Center for Algae Biotechnology, UCSD, San Diego State University, San Diego Workforce Partnership, and MiraCosta College.