



## Renewable Energy Center



### Overview/Goals

1. Development and refinement of modular in-class, on-line, and hybrid renewable energy curricula integrated into degree pathways.
2. Implementation of a technical teacher professional development program in renewable energy which will allow current and future teachers for community colleges and high schools to acquire the technical knowledge and pedagogical skills to teach renewable energy in their classrooms.
3. Develop and implement a 2+2 pathway through partnership with high schools and universities to allow students interested in renewable energy careers to have a defined career ladder with multiple exit points integrated with industry certifications and college certificate and degree attainment.
4. Conduct continuous assessment and evaluation with imbedded targeted research of curricular and professional development strategies to ensure that student, faculty, and industry goals are attained.
5. Disseminate both the products and the partnership process to maximize the impact both regionally and nationally.

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### CREATE Partner Schools

- College of the Canyons**  
(Santa Clarita, Los Angeles County)
- Santa Barbara City College**  
(Santa Barbara, Santa Barbara County)
- Cuesta College**  
(San Luis Obispo, San Luis Obispo County)
- Cerro Coso Community College**  
(Ridgecrest, Kern/Inyo County, Mono County)
- Porterville Community College**  
(Porterville, Tulare County)
- Porterville High School**  
(Porterville, Tulare County)
- Oxnard College**  
(Oxnard, Ventura County)
- Merced College**  
(Merced, Merced County)
- Lompoc High School**  
(Lompoc, Santa Barbara County)
- College of the Desert**  
(Palm Desert, Riverside County)
- Principal Investigator**  
**Kathleen Alfano, Ph.D.**  
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