

Please Consider Supporting the

**Renewable and Appropriate Energy Laboratory, <http://rael.berkeley.edu>**

Professor Kammen founded and directs the Renewable and Appropriate Energy Laboratory (RAEL), which is a unique research, development, project implementation, and community outreach facility based at the University of California, Berkeley. RAEL focuses on designing, testing, and disseminating renewable and appropriate energy systems. The laboratory’s mission is to help these technologies realize their full potential to contribute to environmentally sustainable development in both industrialized and developing nations while also addressing the cultural context and range of potential social impacts of any new technology or resource management system.



**Left:** RAEL Team: graduate students postdoctoral fellows, & undergraduates



**Right:** RAEL director Kammen, 2016-17 Science Envoy, US State Department

Program Needs and Opportunities:

- **RAEL core endowment support**  
Our goal is to develop an endowment that will generate ~\$140,000 per year to support the core operations of RAEL support for students and post-doctoral fellows in the areas of decarbonizing energy systems, energy access and equity, and resource footprints and carbon budgets.
- **“Rachel Carson Fellowship Program”**  
To support *paired postdoctoral teams* around the science and the the communication of environmental and social injustices. Need: \$275,000/year.
- **Student innovation fund**  
To support research to action ventures (like ‘Sailing for climate’, Off-grid solar for Africa, startup-incubator) by teams of RAEL students committed to turning ideas into actions.

**SUPPORT FOR RAEL IS AN**  
**INVESTMENT IN EDUCATION, INNOVATION AND ENGAGEMENT**

**The funds for these programs:**

- Permits innovative projects to launch as the ideas and opportunities arise; which
- Transforms our ability to commit to innovative new projects; often years before state or federal grants are available;
- Permits RAEL to compete with the far larger student fellowship awards that are often provided from private universities;
- Operationally, gifts, either for direct use or endowment are the most flexible and highest value forms of support because they empower the laboratory to respond proactively as opposed to retroactively to opportunities.

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