



## Pacific Islands Renewable Energy Vocational Training



The United States Agency for International Development (USAID) has partnered with Arizona State University under the Vocational Training and Education for Clean Energy (VOCTEC) program to build regional capacity of qualified technical trainers and technicians to install, operate, and troubleshoot off-grid solar photovoltaic (PV) systems in the Pacific Islands.

This regional program covers up to 12 Pacific Island nations. Eligible countries for training include: Federated States of Micronesia (FSM), Fiji, Kiribati, Republic of the Marshall Islands (RMI), Nauru, Palau, Papua New Guinea (PNG), Samoa, the Solomon Islands, Tonga, Tuvalu, and Vanuatu. These countries represent a broad range of populations and cultures, geographic sizes, and topological diversity within the region.

The overall aim of VOCTEC is to improve the sustainability of renewable energy investments within the Pacific Island Nations. VOCTEC's Train-the-Trainer approach will provide technicians a support system and ensure that local institutions will be able to continue to educate and manage future operators and technicians within the region. VOCTEC's capacity building activities incorporate gender and social issues in solar PV related technical training as well as entrepreneurship skills in its vocational courses.

### VOCTEC Training for Technicians

Designed for technicians and installers, this training includes hands-on technical training on the basics of electrical theory, and the installation, operation, maintenance, and troubleshooting of solar PV systems. VOCTEC's training programs for technicians are delivered in collaboration with VOCTEC's training partners across the region and are conducted at our in-country technical training centers, or remotely through the use of Mobile Training Toolkits to deliver training to smaller groups in remote islands.

### Training for Educators (Train-the-Trainers)

This program is designed to train local instructors on delivery of vocational-level technician and installer training for off-grid solar PV technologies. Participants receive a combination of technical classroom education, hands-on laboratory-based training, teaching tools, and guidance on teaching techniques to equip them for future delivery of courses themselves in their home country. This program is conducted in collaboration with VOCTEC's Train-the-Trainer partner, the University of the South Pacific (USP) in Suva, Fiji.

### Contact:

Cristina E. Vélez Srinivasan  
Global Climate Change Advisor  
(+063) (2) 552-9830  
cvelez@usaid.gov

Pam Baldinger  
Energy Advisor  
(+001) (202) 712-4185  
pbaldinger@usaid.gov

VOCTEC Project Office  
Arizona State University  
(+001) (480) 727-1312  
voctec@asu.edu

Dr. Atul Raturi  
University of the South Pacific  
(+679) 32 32430  
atul.raturi@usp.ac.fj