



SOLAR ENERGY INTERNATIONAL
renewable energy education for a sustainable future

Renewable Energy Education for the Developing World

Acting Globally by Training Locally

Solar Energy International seeks \$██████ from the Atkinson Foundation to fund the training of promising renewable energy technicians from Central America during 2011, through our *International Development* program. These trainings would result in more individuals, community groups, NGOs and agencies being knowledgeable about the mechanics and business development of various renewable energy technologies, such as solar, wind and micro-hydro.

Specifically, we seek financial support to fund one or more of the following three training opportunities:

- 1) in-country trainings in Central America for promising renewable energy technicians and interested community groups, NGOs and agencies.
- 2) scholarships to Central American individuals or staff of Central American international development NGOs for our U.S. and international renewable energy workshops.
- 3) offering more online workshops in Spanish.

During 2011, Solar Energy International will expand our *International Development* program by increasing the number of [1] location-specific trainings we provide - from one to four a year - to communities and/or organizations in developing countries who request our expertise, [2] scholarships we provide to our workshops by upwards of ten-fold; and [3] workshops we offer in Spanish (both online and in-person).

Solar Energy International will also, for the first time, in 2011, offer a reduced rate for all, and full scholarships for some, who wish to attend our Spanish-language Solar Electric Design & Installation workshop. Also for the first time, we will offer an educational tour and workshop at the Columbian-based Gaviotas - which the United Nations has called a model renewable energy/sustainable development community - to interested Latin American organizations and institutions.

Should the Atkinson Foundation decide to support Solar Energy International's work, we would be open to you choosing which one or more of these components of our *International Development* program you wish to fund. In each project outlined below, we have identified what full funding of \$██████ would fund for that particular project. Regardless of which component(s) you may choose to support in part or whole, a grant would advance the foundation's overall goals of providing training (and other assistance) in Central America to advance sustainable development, economic enterprises and other individual, family and community benefits.

Solar Energy International - A Leader in Renewable Energy Education

Solar Energy International is well-known as the longest running renewable energy education and skills training organization in the United States. In 2011, Solar Energy International will celebrate 20 years of providing Renewable Energy Education for a Sustainable Future. During those 20 years, Solar Energy International (SEI) has been a leader in providing hands-on workshops and online courses in solar, wind and micro-hydroelectric energy and sustainable building technologies. In twenty years, we have provided our diverse set of workshops to more than 16,000 people from all fifty US states and 67 countries. Last year, we had our most successful year, training nearly 3,600 people in the United States.

The core of our organization's reputation is built on our Renewable Energy Education Program, through which we offered 120+ hands-on workshops and online courses in 2010. With 17 *Institute for Sustainable Power Quality*-certified trainers and 24 *North American Board of Certified Energy Practitioners*-certified solar installers on staff - more than any other solar training organization - Solar Energy International's team is on the forefront of renewable energy education.

These highly qualified staff wrote and published a photovoltaic textbook, which has led the industry as the definitive guide to photovoltaic design and installation. More recently, the Department of Energy (DOE) chose Solar Energy International as one of eight organizations nationwide to provide "train the trainers" workshops to community college instructors, through DOE's Solar Instructor Training Network. Finally, Solar Energy International recently launched a free online *Introduction to Renewable Energy* course which will promote renewable energy technologies to all who care to learn about this emerging field, and increase registration to our comprehensive catalog of hands-on workshops and online courses.

Even more unique is the fact that Solar Energy International (SEI) provides our expertise and training to people of all ages, from around the world, and in less fortunate communities. Through our Outreach Programs, we work globally with grassroots international development organizations, nationally with Native American communities, and regionally with school groups.

In 2002, Solar Energy International initiated our *Solar In the Schools* program to deliver energy science education to K-12 students throughout four counties in western Colorado, and educators come from across the United States and other countries to take our teacher training courses. With our *International Development* and *Native American* programs, we promote sustainable community development that improves quality of life for rural communities here in the United States and abroad.

For 20 years, Solar Energy International has built a reputation of providing top quality, hands-on workshops with the latest and greatest information on renewable energy technologies to people from across the country and around the world. Within the last few years, SEI has expanded its reach by taking advantage of new technologies and emerging trends, by adding online and "train the trainers" courses to its repertoire. As SEI celebrates its 20th anniversary, the Board and staff re-commit ourselves to our mission of providing renewable energy education for a sustainable future, through a complementary combination of traditional workshops and cutting edge courses.

Why Promote Renewable Energy in Developing Countries

Energy is a key to economic development, as there is a direct link between access to energy and people's quality of living. More than half of the world's population living in rural areas - some 2 billion people - still has no access to modern forms of energy. What we tend to take for granted in the United States can be the difference between survival and sustainability in most developing country communities. People who do not have access to electricity tend to live in dire conditions. Addressing "energy poverty" is gaining greater priority within the international development community.

The problem for most rural communities in developing countries is that access to energy from fossil fuels is difficult to get, and expensive to buy. Fortunately, there is a way to provide energy - electricity - to people in these areas. Around the world, people have access to sunlight, wind, and/or running water. These natural resources are the foundation of our most easily transferable renewable energy technologies. Renewable energy can be particularly appropriate for developing countries, because they offer a viable alternative to energy from fossil fuels that benefit rural communities in many ways. These technologies can greatly enhance the lives of people in developing countries, by providing electricity where a country's energy infrastructure cannot otherwise reach. Renewable energy technologies can improve education, health care, agriculture, domestic energy, enterprise, and transportation.

For instance, women spend a large part of their day gathering firewood with which to cook. They also contract respiratory and eye diseases from standing over smoky cooking fires all day. Solar cooking can greatly alleviate these problems. Solar food drying can help overcome problems with food preservation and seasonal food supplies. Millions of lives that are lost each year due to water-related diseases can be saved by solar water purification and water distillation.

Solar energy technologies enable people in the most remote corners of our world to have electricity, and the ripple affect of that energy can be seen and felt in the home, school, hospital, farmland and other industries. With electricity from the sun and other renewable energy sources, more women can have the time and resources to start a small business, more children can attend school and study at home, and more men can continue making a living off the land with the help of adequate water supplies and access to markets. In fact, the installation, production, distribution and maintenance of renewable energy technologies in rural areas provide training and economic opportunities in and of themselves.

And the long-term benefits to promoting and using renewable energy become increasingly valuable when seen as a mitigation measure to the impact of climate change on the human and natural world. Renewable energy technologies have a much lower environmental impact than conventional energy technologies, and will help improve the earth's climate conditions, as we work to keep in check the changes occurring around the globe.

These benefits motivated Solar Energy International to begin working with Central American groups interested in alleviating energy poverty. For many years, SEI has worked with two Nicaraguan-based NGOs: Grupo Fenix and blue Energy. With SEI's technical support, these organizations have been able to bring solar and wind energy to numerous rural communities throughout Nicaragua. Grupo Fenix recently won the United Nations SEED Award for Entrepreneurship in Sustainable Development, based on its efforts to work with rural community members to develop small renewable energy enterprises.

SEI's International Development Program

Solar Energy International provides our expertise and training both to people from other parts of the world, *and* in other parts of the world. This is the core of our *International Development* program. We are committed to providing our renewable energy education to more than just U.S. citizens, because - as our name reflects - Solar Energy International believes that a sustainable future is a right, and a need, for all people around the world.

Solar Energy International has been offering workshop scholarships to interested people from developing countries since the organization's inception in 1991, and we started responding to requests for trainings from NGOs in developing countries shortly thereafter. We formally initiated our *International Development* program in 2004, when we began offering workshops in Costa Rica (and in Nicaragua in 2005).

Aligned with the overarching philosophy of Solar Energy International as a whole, our *International Development* program promotes renewable energy technologies, provides workshops in the installation of these technologies, and conducts "train the trainers" workshops to further leverage our expertise. These three objectives are incorporated into the four components of our international program:

- 1) In-Country Training for Individuals, Community Groups, NGOS and Agencies: Every one-to-two weeks, we receive an inquiry from a community group or other NGO in a developing country asking SEI to travel to their community to provide a training on renewable energy systems. Realizing this is a growing need, we are increasing our commitment to be able to provide that service to more promising renewable energy technicians, groups, NGOs and/or agencies than we have in the past.
- 2) Scholarships to SEI Workshops: SEI recently committed to significantly increasing our ability to offer our workshops - at a reduced rate or free of charge - to more people from developing countries, as well as staff of U.S.-based international development NGOs who want to engage in renewable energy projects in developing countries.
- 3) Workshops and Training Materials in Spanish: To help meet the renewable energy education needs of the third of the developing world that speaks Spanish, SEI will offer, for the first time (contingent on funding) a Spanish-spoken Introduction to Solar Energy workshop - at a reduced rate or free of charge - in California, New Mexico and Florida. We will also host an educational tour and workshop at the Columbian-based Gaviotas model-sustainability community to interested Latin American sustainable development organizations and institutions.
- 4) Workshops for U.S.-based International Development NGOs and workers: Given the increased attention access to energy, and energy poverty, is receiving within the international development community, SEI is increasingly providing workshops to U.S.-based international development NGOs and workers interested in renewable energy technologies and project implementation. To date, we have done so through our Renewable Energy for the Developing World workshops, but we expect to begin providing organization(s)-specific trainings as some NGOs start to request our expertise and services.

Our *International Development* program has seen a significant increase in the number of requests we receive from NGOs and rural community groups in developing countries, as well as U.S.-based international development NGOs. This is a problem of success for SEI, in terms of these groups wanting to enlist the help of a reputable renewable energy training organization. The problem is that, for the most part, these groups do not have the financial resources required to cover the full costs of our various services. And, as much as SEI would like to continue off-setting the cost of these international development projects through our general workshop income, in this downturned economy we can no longer afford to have our earned income help defray these outreach program costs.



SEI helped Grupo Fenix technicians install a solar electric system on a rural school in Nicaragua

So, as we enter our third decade, Solar Energy International needs to expand our support base in order to be able to effectively and efficiently meet the needs of the numerous international NGOs and community groups requesting our expertise. Funding from the Atkinson Foundation will allow SEI to provide more trainings and associated services to more people, organizations and communities in Central America. Knowing how renewable energy systems positively affect the quality of life and economic opportunities in rural communities and villages throughout the world, your support will have a positive effect on thousands of people in 2011, and tens of thousands of people in future years.

The remainder of this proposal will focus on the three components of our *International Development* program in which the Atkinson Foundation will be most interested, the 2011 work plans for these projects, how we will evaluate these project areas, our collaborators, and the resources and assets that Solar Energy International brings to this program.

In-Country Trainings for Individuals, Community Groups, NGOs and Agencies

As previously noted above, in its earlier years, SEI provided on-site trainings to NGOs, community groups, and other interested parties in developing countries. In recent years, as the rest of our training program steadily grew to meet demand (especially here in the States), and the economy shrunk, we opted to focus on our own workshops and courses (and were paid for), versus those we were asked to conduct (usually from an entity that could not fund the training). Yet, all-the-while, we continued to receive requests (3 - 4 a month, on average) to provide site-specific trainings in a developing country for a rural community group, coalition or network. These opportunities have had the dual benefit of [1] training locals to use and advance renewable energy in their communities, and [2] providing electricity to communities as a result of the training itself, and as a result of increased technical expertise through the training graduates.

In recent years, SEI has teamed up with Engineers without Borders, International Renewable Resources Institute, SunEnergy Power International, the Solar Electric Light Fund, EcoLinks, and the Community Motivation and Development Organization to provide a week-long solar photovoltaics (PV) training for local engineers in Mexico, Palestine, Pakistan, Haiti, and Kazakhstan.

As part of re-doubling SEI's commitment to our international program and reach, we are again ready to meet this need of fulfilling specific requests for trainings in a developing country. Whereas we may have engaged in one such training annually during the last few years, we want to expand this service to a minimum of four trainings a year. Our limitation is funding, as most in-country community groups or NGOs cannot afford the full cost (if any of the cost) of a SEI workshop.



SEI experts train local engineers in Chiapas, Mexico

The specific activities toward this objective include: [1] securing contributions to help subsidize these trainings; [2] re-defining our selection process (addressing issues such as need, readiness of the requesting entity, geographic distribution, and ability to further leverage SEI's expertise); [3] determining who would conduct these trainings (available SEI contractors and/or other international installation companies); [4] supporting our recipients with workshop/course logistics; and [5] supporting these groups as needed after the training.

***OUTPUTS AND OUTCOMES:** With full funding of \$██████ from the Atkinson Foundation, we will be able to conduct a comprehensive training somewhere in Central America (likely Nicaragua) for upwards of 15 locals. The result of this training would be that these trainees will be able to advance renewable energy technologies in their various communities, and a renewable energy system (solar and/or wind) will have been installed in a community (as a result of the actual training process). Additionally, SEI will be in a better position (with our enhanced track record) to secure funds for additional in-country trainings in 2011 and beyond.*

Scholarships to SEI Workshops

Solar Energy International has built its reputation on the quality and quantity of hands-on workshops and online courses we teach to the general public. Our *Renewable Energy Education* program, through which we offered 120+ trainings in 2010, is much like a College of Renewable Energy, in that we teach 100, 200 and 300 level workshops and courses. These core trainings address solar photovoltaic, solar thermal, wind, and micro-hydroelectric, as well as principles of sustainable building.

We also offer niche-specific courses in renewable energy systems for the developing world, and for educators. Solar Energy International not only teaches the technical aspects of implementing renewable energy technologies in the developing world, but also covers the social, economic, and educational pieces of implementing a sustainable project. Often the technology is the easy part in an international project, and many more aspects of a project need to be considered when designing a sustainable project.

Thus there is a full suite of possible training opportunities for promising technicians from a developing country, or the staff of a U.S.-based international development NGO, who want to engage in renewable energy projects in developing countries. That suite of trainings can be seen online at <http://www.solarenergy.org/workshop-schedule>. SEI's limitation is financial, not programmatic.

To address that limitation, SEI recently committed to significantly increasing our ability to offer our existing workshops - at a reduced rate or free of charge - to more people from developing countries or working on international development projects. During 2011, we will increase the number of scholarships we provide by upwards of ten-fold, as we increase our scholarship fund by tenfold - to \$██████. This increase will enable us to provide training to ten or more people.



Students from India and Colombia during a 2010 Renewable Energy for the Developing World Workshop.

The specific activities toward this objective include: [1] securing contributions to increase our Scholarship Fund; [2] promoting the availability of these funds to individuals and NGOs in developing countries and U.S.-based international development NGOs; [3] re-defining and implementing our scholarship granting process (addressing issues such as need, geographic distribution, and ability to further leverage SEI's expertise); [4] supporting our recipients with workshop/course logistics; and [5] supporting these alumni as needed after the in-person workshop or online course.

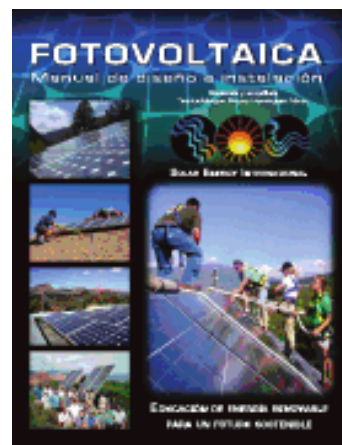
***OUTPUTS AND OUTCOMES:** With full funding from the Atkinson Foundation, SEI will provide scholarships to ten or more promising renewable energy technicians from Central America. These trainees will then be able to promote, install and maintain a renewable energy system for a local village, school, health clinic, business(es), and/or agricultural enterprise. Additionally, SEI will be in a better position (with our enhanced track record) to secure additional funds for, and promote the availability of, these scholarships in 2011 and beyond.*

Workshops and Training Materials in Spanish

A third of the developing world consists of Spanish-speaking Latin American countries. While Solar Energy International (SEI) is able to offer our long-standing English-spoken workshops to the relatively few Latin American residents who speak English (see above “Scholarships to SEI Workshops”), if we really want to train promising Latin American renewable energy technicians, we need to conduct some of our workshops in Spanish.

To that end, SEI previously committed to translating our *Introduction to Photovoltaics* manual into Spanish. SEI has used this manual during our in-country trainings to date, as well as sold a few thousand copies online. This year, for the first time, we are offering a free online *Introduction to Renewable Energy* course in Spanish. We have 235 people registered for this course, 190 of whom are from Latin American countries, and most of them are interested in starting a renewable energy company in their country. Also a first in 2011, SEI is offering an online *Photovoltaic 101: Solar Electric Design & Installation* course in Spanish - in May, and hopefully again in the fall (contingent on funding). Finally, contingent on funding, we will translate our *Photovoltaic 203: Battery-based Design* course into Spanish, and offer that course online later in 2011.

Given the strong interest in our first-ever free online *Introduction to Renewable Energy* course in Spanish, especially from those who wish to start a renewable energy company in their country, SEI is looking for funding to provide scholarships for Latin American residents to take the *PV 101* and *PV 203* course in Fall 2011, as well as funding to translate the *PV 203* course.



This Photovoltaics manual is the first publication SEI translated into Spanish.

Photovoltaic 101: Solar Electric Design & Installation (in Spanish):

This course, which provides a fundamental understanding of the core concepts necessary to work with all Photovoltaic systems, is the logical second training to receive for graduates of the *Introduction to Renewable Energy* course.

Outputs and Outcomes: With full funding from the Atkinson Foundation, we will be able to provide this online course to fourteen or more people from Central America (depending on whether they need partial or full scholarships to take the course).

Photovoltaic 203: Battery-based Design (in Spanish): The majority of the solar electric market in Central America is for off-grid applications, systems that provide electricity to rural homes and farms not connected to the national grid. The technicians and home-owners who design, install and maintain these systems need to learn about battery-based design and installation - the focus of our *Photovoltaic 203* course. For people who will be working in more remote rural areas, this is a perfect follow-up to the *Photovoltaic 101* course.

Outputs and Outcomes: With full funding, SEI will be able to translate this course, and provide course scholarships to seven or more students (depending on our granting partial or full scholarships)

Measuring and Evaluating SEI's Success

In addition to being able to determine if Solar Energy International completed each of the objectives and activities outlined above, we will also measure and evaluate our efforts in the following ways:

- How well interested individuals, community groups, NGOs and agencies know about our training in person workshops or online courses, and are thinking about how to incorporate SEI's expertise and trainings into their program planning, as well as working with SEI to secure the funding needed to use SEI's services in the future.
- To what degree were these trainings resulted in larger and longer lasting results (outputs versus outcomes). Specifically, how well these trainings resulted in true "development" - where the local community was better able to meet its own needs through the establishment of renewable energy systems, and maybe even small local enterprises that either maintained these systems or were powered by these energy systems.
- Did these trainings result in a ripple effect, where the trained parties (individuals, community groups, NGOs and agencies) promoted renewable energy and its benefits beyond their own community, and assisted others in thinking about and/or implementing renewable energy systems in additional communities?

Collaborators

Should the Atkinson Foundation provide funding for one or more of these projects, Solar Energy International would work with the following in-country NGOs to plan, implement, monitor and evaluate these projects:

- International Renewable Resources Institute (IRRI) - Mexico
- Grupo Fenix - Nicaragua
- blueEnergy Group - Nicaragua
- Fundación Solar - Guatemala
- Rancho Mastatal - Costa Rica
- Engineers without Borders (EWB) - Based in Boulder, CO, EWB has projects in Honduras, Mexico, Nicaragua, and Guatemala

SEI Staff (those specifically involved in the International Program)

Laurie Guevara-Stone

Laurie Guevara-Stone is the International Program Manager at Solar Energy International. She has a Master's Degree in Energy Engineering from the University of Colorado. Laurie has done extensive work in Latin America with numerous development organizations. She is fluent in Spanish and over the past 20 years has conducted projects in Nicaragua, El Salvador, Mexico and Ecuador implementing photovoltaics, solar cooking and water distillation. Laurie began SEI's Women's Photovoltaics program, and organizes and instructs the Renewable Energy for Developing World workshops. Laurie has authored numerous technical articles for publications including Home Power Magazine, Solar Today Magazine and Mother Earth News.

Johnny Weiss

Johnny Weiss is cofounder and executive director of Solar Energy International. Johnny is a solar educator, consultant, certified Industrial Trainer and solar building professional. He has more than 20 years experience teaching the practical applications of the renewable energy (RE) technologies of solar, wind and water power. As an associate professor for 10 years at the Colorado Mountain College, he helped develop and teach a hands-on vocational training program in solar thermal, photovoltaics, energy efficiency and construction skills. Johnny regularly works with Native American renewable energy training programs. Johnny works in international sustainable development programs and projects helping transfer renewable energy technologies to the developing world.

Carol Weis

As PV Program Coordinator, Carol Weis writes and updates Solar Energy International's PV and Advanced PV curriculum and instructs in both the hands-on and online workshops. Carol also organizes SEI renewable energy trainings for other institutions and organizations. Through her work in the industry, Carol has traveled internationally to Nicaragua, Ecuador, Costa Rica, Haiti, and Mexico. She has been a trainer for SEI since 1998, and has instructed SEI's well regarded Women's PV class. She is a co-founder of SEI's [Solar Sisters](#) group, a discussion forum for women working in, or aspiring to be part of, the renewable energy industry. Carol is a licensed electrician in the state of Colorado, and has worked on international projects in conjunction with the Solar Electric Light Fund and SunEnergy Power International.

Jsun Mills

Jsun has been in the solar business for 12 years. He started his career as an installer in the San Francisco Bay Area, working for a large system integrator. Jsun was hired by SMA, America to head up the Tech Support Services where he was instrumental in developing the technical training courses and running the technical support hotline for over four years. He is an instructor for SEI and teaches NAPCEP certified training courses in Latin America and the USA offering classes both in English and Spanish.

Camilo Uzquiano

As SEI's Instructional Designer, Camilo develops curriculum in SEI's Paonia, Colorado office. In this role, he brings theory and hands-on experience together to create educational materials for in-person and online PV workshops. He also works to keep SEI's materials up-to-date with the latest in PV technology. Camilo graduated from Michigan Technological University with a degree in mechanical engineering. Originally from La Paz, Bolivia, Camilo is passionate about renewable energies and the great potential they bring to underdeveloped countries.

April Clark

April is the Marketing Communications Coordinator for SEI. She is a trained journalist, weekly newspaper columnist and stand-up comic skilled in public relations, interviewing, editing, feature writing, graphic arts, multimedia production, web design, and social networking. The Society of Professional Journalists, Colorado Press Association and Colorado Mountain News Media have recognized April for her notable writing and graphic achievements.

SEI Board of Directors

Jeff Dickinson

Jeff is an architect and environmental planner who has specialized in sustainable design on the Western Slope of Colorado for over twenty years. He has been the principal of Energy and Sustainable Design Inc. since 1992 and the president of Biospaces Inc. since 1989. Jeff also has been active on many community boards of directors and a member of the Town of Carbondale Zoning Commission. Jeff has been an SEI director since 2000 and a guest lecturer for SEI on sustainable home design since SEI was formed.

Trési Houpt

Trési served as Garfield County Commissioner from 2007 – 2010. As a Commissioner, Trési worked on creating avenues for cooperation between the oil and gas industry, surface owners and mineral rights owners. She worked with State Representative Kathleen Curry on a bill that would have addressed oil and gas surface use agreement concerns raised by landowners; although the bill was not successful, it did raise an important discussion at the State level. Additionally, Trési continues to attend and participated in numerous meetings with the industry, residents, elected officials and groups actively involved in the discussion of energy development in Western Colorado.

Jock Jacober

Since moving to the Roaring Fork Valley in 1970 from his hometown Denver, Jock has operated a general contracting company based in Carbondale that specializes in green buildings (Jacober Brothers Construction). He also has managed agricultural property and cattle on the Western Slope of Colorado during that same time period. Jock has been an SEI director since 2006.

Mark Kavasch

Mark is a certified public accountant practicing as a partner of Reese Henry & Company in Aspen, Colorado. Since coming to Aspen and joining Reese Henry in 1982, his practice has evolved into specializing in business consulting, tax planning, tax compliance, IRS resolutions, financial preparation, internal accounting controls and audits. Mark is a board member of The Buddy Program and has been long-connected with activities for kids and mentoring programs.

Jane Koger

Jane is a fourth generation rancher in Chase County, Kansas. She has been ranching full time in Chase County since 1979. Jane regards the tall grass prairie as her primary passion. That passion has led her to be involved in numerous educational programs that introduce people from diverse backgrounds to the tall grass prairie ecosystem and ranching as a part of that ecosystem. Jane was introduced to SEI through taking the SEI photovoltaics and wind workshops for women. In connection with those workshops, SEI installed solar panels and a wind turbine at her ranch in 2000 and 2001.

Ed Marston

Ed Marston is the former publisher (1983-2002) of High Country News, a regional newspaper covering public land and natural resources in the western United States. Prior to publishing High Country News, Ed and his wife Betsy founded the North Fork Times (1975-1980), a weekly newspaper covering Paonia, and the Western Colorado Report (1982). Marston has written or edited three books: The Dynamic Environment, Western Water Made Simple, and Reopening the Western Frontier. He is also the author of a 35,000-word memoir contained in the book of photographs and

re-photographs by William Henry Jackson and John Fielder titled Colorado: 1870-2000. In addition to serving on the SEI board, Ed has been on the board of Delta-Montrose Electric Association since 1983. He is president of the Paonia Chamber of Commerce and Secretary of the Delta County Economic Development, Inc.

Don Phillipson

Since 1995, Don has been a trial lawyer who assists other lawyers in complex technologically oriented lawsuits or threatened lawsuits in federal courts. Before 1995, he was a partner for more than twenty years at Davis, Graham & Stubbs, a large Denver law firm. While there, he specialized in complex litigation and also served in management roles for the firm. Don has been an SEI director since 1997 and has served as the first chairman of the SEI board of directors since August 2007.

Jeff Scott

Jeff Scott is the President and founder of SolSource, Inc., a company which provides renewable energy design, engineering, and procurement and construction management. Jeff has been actively involved in the renewable energy industry since he started his first renewable energy company in Osaka, Japan in 1996. Jeff is an experienced teacher with over seventeen years of teaching experience to elementary through high school, additionally teaching university level in bachelors and masters degree programs. Jeff is a member of the Rocky Mountain Association of electrical Engineers, Colorado Association of School District Energy Managers, and the Colorado Renewable Energy Society of which he has served on the Board for six years

Johnny Weiss

Johnny co-founded Solar Energy International in 1991. Since 1999 he has been the sole executive director of SEI. Having been an associate professor at Colorado Mountain College in Glenwood Springs for ten years before founding SEI, he has had over thirty years of experience teaching the practical applications of renewable energy technologies. Johnny is the proud recipient of the 2008 Mark C. Fitzgerald Memorial Award given by the Institute for Sustainable Power to a person who has shown dedication to promoting quality renewable energy training.

Budget for International Development Program

| | In-Country Trainings | Scholarships | Spanish PV Trainings |
|-------------------------------|----------------------|---------------|----------------------|
| Payroll | | | |
| Project manager | \$ [REDACTED] | \$ [REDACTED] | \$ [REDACTED] |
| Marketing/ Communications | \$ [REDACTED] | \$ [REDACTED] | \$ [REDACTED] |
| Curriculum Expert | \$ [REDACTED] | | \$ 1,200 |
| Instructor/Trainer | \$ [REDACTED] | | |
| Occupancy/Overhead | \$ [REDACTED] | \$ [REDACTED] | \$ [REDACTED] |
| Scholarship assistance | | \$ [REDACTED] | \$ [REDACTED] |
| Travel | \$ [REDACTED] | | |
| Contract & Consulting Fees | | | |
| Instructor/Trainer | \$ [REDACTED] | | \$ [REDACTED] |
| Translator | \$ [REDACTED] | \$ [REDACTED] | \$ [REDACTED] |
| | | | |
| Total | \$ [REDACTED] | \$ [REDACTED] | \$ [REDACTED] |