



SOLAR ENERGY INTERNATIONAL

Educate. Engage. Empower.



Solar Energy International (SEI) is dedicated to training the global solar energy workforce. Since 1991, SEI has trained 85,000+ alumni from 145 countries and provided educational resources to over 110,000 people! SEI alumni have installed, designed or maintained over 32GW of solar!



30+ YEARS
OF HANDS-ON, SAFETY,
AND TECHNICAL
SKILLS TRAINING



85,000+
SOLAR PROFESSIONALS
TRAINED WORLDWIDE



10%+
OF THE WORLD'S SOLAR
CAPACITY INVOLVED
SEI ALUMNI

Where

SEI leads public training at our locations in Colorado USA, Costa Rica, and Oman as well as globally through our online programs. We also provide custom technical training for EPC's, governments, utilities, manufacturers, NGOs, as well as vocational colleges and universities at their location around the world.

Who

SEI has over 60 instructors with over 750 years of cumulative experience in designing, installing, commissioning, inspecting and maintaining residential, commercial and utility-scale PV systems.





What

SEI offers online and in-person solar electric technical training with introductory, intermediate and advanced topics for utility-connected and battery-based solar PV systems.

- Solar Electric Design and Installation (Grid- Direct)
- Advanced PV System Design and the NEC (Grid-Direct)
- Tools and Techniques for Operations and Maintenance (Grid-Direct)
- PV System Fundamentals (Battery-Based)
- Advanced PV Multimode and Microgrid Design (Battery-Based)
- Advanced PV Stand-alone System Design (Battery-Based)
- Residential/Commercial Roof-Mounted PV Installation Safety
- PVsyst and Helioscope for PV System Production Modeling

Accreditation and Certification

SEI is an accredited U.S. educational institution and a Registered Training Provider with the North American Board of Certified Energy Practitioners (NABCEP). We work with governments and international solar certifying authorities to approve our curriculum.

NABCEP[®]

Raising Standards. Promoting Confidence.

SEI's online and in-person training program counts towards the training requirements for taking the NABCEP Associate and Professional certification exams.

Curriculum Development

The SEI Curriculum Team is made up of industry professionals with decades of experience in the renewable energy sector. This team develops and updates our course material based on industry peer-reviewed feedback and instructional design best practices.

Industry Partners



Contact Solar Energy International (SEI) at sei@solarenergy.org OR 970-527-7657 x1