



**Developing a skilled workforce for the  
Solar, Energy Storage & Renewable Energy Industry**

**[www.SolarFirstSolutions.com](http://www.SolarFirstSolutions.com)**



With the increasing demand for energy efficient solutions for residential and commercial properties comes an increase in demand for a skilled workforce. Solar First is meeting this high demand by providing training, accreditation and career advancement opportunities to local & state contractors in various aspects of the renewable energy industry.

Workforce development encompasses policies and programs that prepare people with the awareness, support, knowledge, and skills they need to meet the current and future needs of employers. Workforce development is the structure or system within which learning, and career development can happen.



# Our Mission



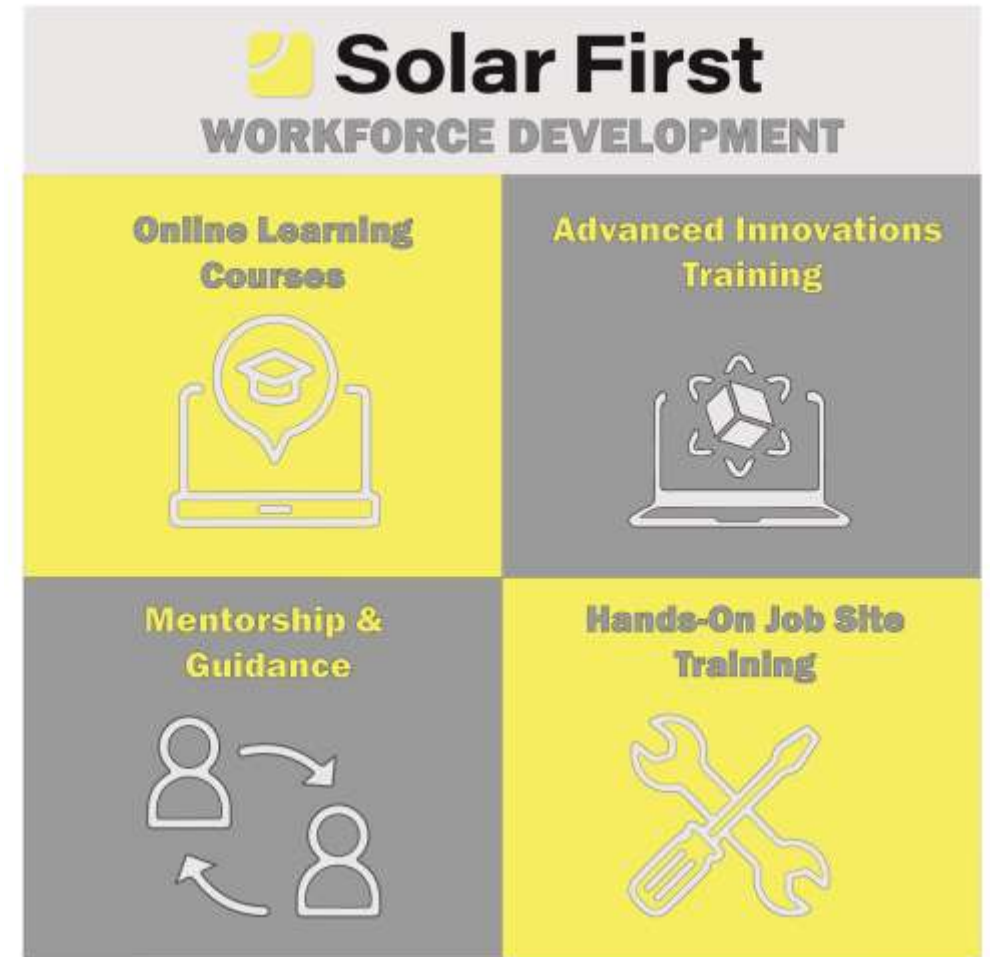
At Solar First Solutions, we're committed to helping develop the renewable energy industry one professional at a time. It is our goal to create a diversified workforce of skilled professionals in various areas of the industry, including project management, leadership and all areas of installation, as well as programming and monitoring with the latest innovations. It is our goal to create career opportunities that diversify the industry in gender, race and skillset.

We are proud partners of the Department of Energy, Solar Ready Vets Program and work with multiple accredited trade schools and career placement programs.

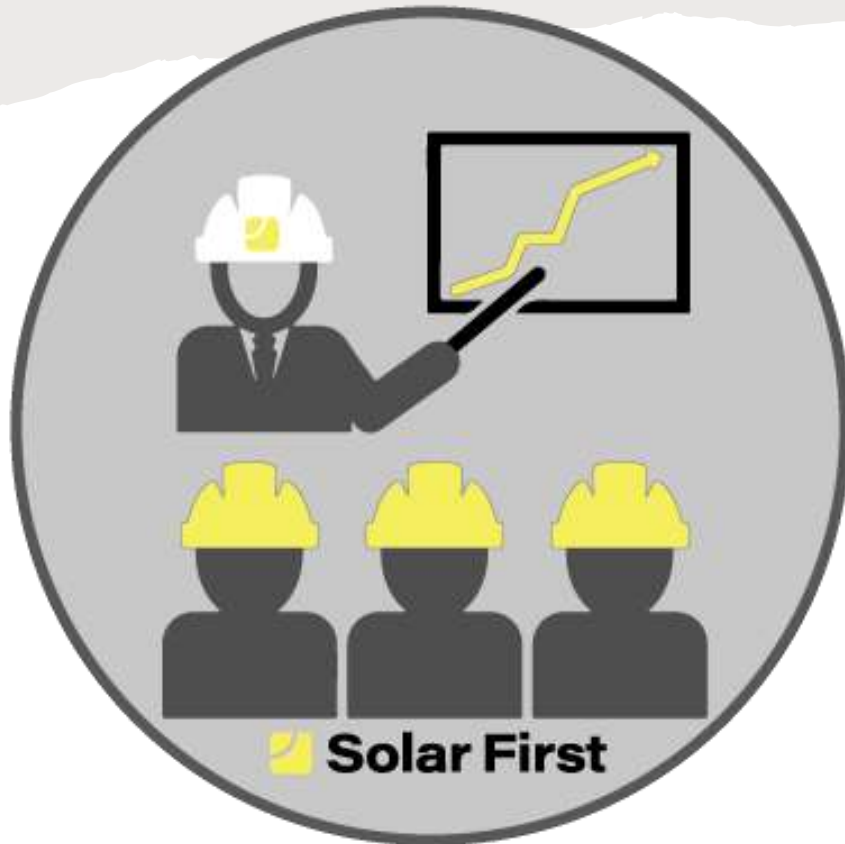
# Our Programs

Our programs offer every level of learning, training and development.

- **Online Learning & Courses:** To familiarize candidates with the basics of solar, electric fundamentals, energy, terms for parts, safety and procedures, our programs start with online courses.
- **Advanced Innovation Training:** With the advancements in energy monitoring, permits, design, engineering and even municipality communications we take it a step further with our digital innovations training.
- **Mentorship & Guidance:** Understanding the skillset, career goals and proper path for each candidate takes time to get to know them individually, we pride ourselves in offer complete mentorship for assisted guidance.
- **Hands-On Job Site Training:** Finally, when its time to take it to the job site, our candidates are confident in their tools, what it takes to complete a quality installation and most of all, how to be SAFE!



# Certified Instructors



Our team of certified energy professionals span from in-class teachers, on-line educators and in-field installers. Each area of the industry requires different skillsets not only in the educators/trainers but in the students. This is why we encourage mentorship and don't just stop at skill training, we work with each candidate to understand the individual, and help guide them toward their best path for career development in the industry.

Our trainers have various levels of Certifications including:

- **State Licensed Contractors**
- **OSHA Safety Training Professionals**
- **NABCEP Certified Solar Professionals and Exam Practitioners**
- **Manufacturers Install Certifications**
- **Energy Audit Certifications**



# Our Partners



Creating a combined effort is what Workforce Development is all about. In Florida, we combined our Partnership Network to include a Local Trade School, Veterans in the community, Training courses and certification requirements from MREA (Midwest Renewable Energy Association) and NABCEP (North American Board of Certified Energy Practitioners) as well as funding and candidates from the local Career Source locations for job placement to create a well-rounded program!

We understand that creating a workforce development plan can be challenging on where to start, what to train on and how to offer certifications and career path planning strategies... That's why we are here to help!



**Level 1 Training:  
The Basics of Photovoltaics**

This program is a competency-based, applied learning program, that develops skills in the field of solar / energy storage and provides a foundation in design, maintenance, and installation of various systems used in the residential and commercial environment. This program provides students with the technical knowledge and skills needed to adapt a solar photo-voltaic design; conduct a site assessment; read engineering plans; and install, maintain, and troubleshoot a solar photo-voltaic system.

Students will learn basic electricity concepts in DC and AC electrical circuits, voltage, and electric codes, as well as practice hands-on basic residential wiring. Solar installation site assessments and design skills will be developed through hand sketches, use of IT Technology and Computer Aided Drafting software.

Upon completion of Level 1 Training, candidates will have the opportunity to test and earn their **NABCEP PV Associate Certification & an OSHA-10 Certification.**

