



Safe  
and efficient  
PV installations

[www.pvtrin.eu](http://www.pvtrin.eu)

 **PVTRIN**  
INSTALLER CERTIFICATION

Supported by  
 **INTELLIGENT ENERGY**  
EUROPE 



# Take no risks with your PV investment

PV technologies have changed radically in the past decades; most of the equipment has been significantly improved in terms of quality and safety, while testing requirements are better defined and the testing processes are becoming more and more standardized. Nowadays, to reduce failures during a PV installation, the focus has shifted away from the reliability and performance of the components to the quality of the planning, design and physical installation of the system.

Applying PV technologies requires highly-qualified technicians to install, repair and maintain them. Choosing the right person to install a PV system plays a significant role to its quality and performance. So, investors should seek skills certification and quality assurance in all phases of a PV installation (design, installation and maintenance).

## Why hire a qualified PV installer?

Investing in a PV system is costly, and the return on investment depends largely on the quality of the design and installation process and the compliance with the best practices in the field.

Given the huge varieties and modularity of PV systems, it is obvious that a number of technical failures may occur in case of insufficient training of the installers.

Most common failures are not encountered because of bad practices in one specific step, but are a combination or accumulation of suboptimal actions in different stages or simply due to wrong or inadequate communication between the designer and the installer.

A skilled labor calls for an appropriate training and certification scheme.

By employing a qualified PV installer, you gain confidence that the appropriate level of quality and performance is met and maintained for your PV system.

You gain benefit from better system performance, less technical failures and reduced risks throughout the life of your installation.



# The PVTRIN Certification

Certification is about raising standards and promoting confidence. Certification schemes can provide reassurance that an installer has the required skills and competencies to complete a PV installation safely and effectively.

The PVTRIN training and certification scheme addresses the market needs for a qualified installers' workforce incorporating the criteria set by the 2009/28/EC Directive for qualification schemes and certified training courses in each Member State, as well as the national legislation. It is, initially, implemented in six (6) countries: Greece, Bulgaria, Croatia, Cyprus, Romania and Spain.

Choosing a PVTRIN Certified Installer means that your installer has been trained, assessed and has agreed to comply with all applicable codes and standards.

**Find a PVTRIN  
Certified Installer**

To achieve certification, the PVTRIN Certified Installers must demonstrate training and on-the-job experience and to prove the required knowledge, skills and competencies by successfully completing the PVTRIN exams.

The PVTRIN training courses are currently offered in Greece, Bulgaria, Croatia, Cyprus, Romania and Spain in the national languages, by experienced trainers. The certified installers' database will be available on the PVTRIN website - [www.pvtrin.eu](http://www.pvtrin.eu).

# PVTRIN

## Contact Points

For further information, contact the PVTRIN Coordinator or the PVTRIN Contact Point in your country:



**PVTRIN COORDINATOR**  
TECHNICAL UNIVERSITY OF CRETE (TUC)  
Environmental Engineering Department  
Renewable and Sustainable Energy Systems Laboratory

### Project partners

- Agency of Brasov for the Management of Energy and Environment (ABMEE), RO
- Building Research Establishment Limited (BRE), UK
- Energy Institute Hrvoje Požar (EIHP), HR
- European Photovoltaic Industry Association (EPIA), EU
- Scientific and Technical Chamber of Cyprus (ETEK), CY
- Sofia Energy Centre (SEC), BG
- Technical Chamber of Greece, Branch of Western Crete (TEE), GR
- Tecnalia Research and Innovation (TECNALIA), ES



The PVTRIN is supported by the Intelligent Energy-Europe programme of the European Commission.

[www.pvtrin.eu](http://www.pvtrin.eu) | [info@pvtrin.eu](mailto:info@pvtrin.eu)

#### LEGAL NOTICE

*The sole responsibility for the content of this publication lies with the authors. It does not necessarily reflect the opinion of the European Communities. The European Commission is not responsible for any use that may be made of the information contained therein.*