



EQAVET System For Recognition, Validation and Certification of Solar Panel System Specialists and Certification of Solar Panel System Specialists

Category : Sustainable Development, FutureTech, Education

Target Group : The target audience of our project is the students and occupational professionals of electric-electronic technician and engineering.

Project Aims :

European Renewable Energy Council[9] (EREC) has been a factor in the proposal that the EU should meet 20 % of its energy need by renewable energy resources as of 2020. At the end of 2012, 80 % of the total installed photovoltaic power in the world is in the EU. In this respect, Germany is the world leader and Italy and Spain ranks among the top throughout the EU.

The aim of our project is to create a certification system and innovative training program in terms of installation, testing and conceptualizing the project of "Photovoltaic Batteries (solar panels) using ICT tools" in collaboration with international universities and private sector institutions experienced in this field in order to be applied in Clean Energy House (www.pau.edu.tr/tee/tr) within PAÜ.

These program and system will include ECVET recognition of the learning outcomes and the application of a related innovative EQAVET system. Thanks to this program, students and occupational professionals will master on this subject also individuals will be provided to gain qualification in this area where qualified personnel is so few if any and therefore where they are highly valuable.



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Also, conceptualization of solar panels, installation and testing will be standardized by creating a certification system in this respect and low efficiency caused by technical failures revealed in problem analysis, dangers of security of life and property, loss of time, and high cost will be prevented. It is among the aims of our project that the program is incorporated as an elective course into our university and partner universities and along with that it is popularized as completely open source via the interactive internet portal that will be created.

Outputs :

- 1 - EQAVET system for recognition, validation and certification of Solar Panel System Specialists
- 2 - Solar Panel Systems Research With Related Organisations
- 3 - ICT - Based Solar Panel System Expertise VET Training Programme
- 4 - FOTOPIL Software and FOTOSSET Training SET for VET Training Programme
- 5 - ICT -Based Solar Panel System Expertise ONLINE VET Training Programme Platform

Activities :

- 1 - Studies of Forming Outputs
- 2 - The Solar Panel System Specialist Vocational Training Program
- 3 - New Vision For Solar Systems Trainings Summit
- 4 - International Dissemination Activities

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