

FOSS Research Centre for Sustainable Energy of the University of Cyprus, the Winner of the OEB Cyprus Innovation Award 2020 in the category Public Sector!

The research team of the PV Technology Laboratory of FOSS Research Centre for Sustainable Energy of the University of Cyprus, participated in the 14th OEB Cyprus Innovation Award Competition.



The PV Technology Laboratory of FOSS Research Centre for Sustainable Energy of the University of Cyprus has been granted the “**Cyprus Innovation Award 2020**” for the “**Public Sector**”. The OEB (Cyprus Employers & Industrialists Federation) Cyprus Innovation Award is the highest distinction of the most successful innovation implemented in Cyprus for 2020.

The research team participated in the contest with the innovative artificial intelligent (AI) powered PV generation day- and hour-ahead forecasting system, under the supervision of Professor George E. Georghiou and the Researcher Dr. George Makrides.

The innovative artificial intelligent (AI) powered PV generation day- and hour-ahead forecasting system:

This is a unique expert system which continuously adapts based on data-feeds thus providing superior forecasting accuracies well-beyond the state-of-the-art (<5%) with an additional uniqueness, its stability at a great variety of weather patterns.

This competitive product for the energy market already has a proven track record in business environments. The platform provides to the Distribution System Operator of Cyprus the hour-ahead and day-ahead power production forecasts of energy production for the photovoltaic systems that are connected to the EAC (Electricity Authority of Cyprus) network. Therefore, the produced power is accurately estimated, while the network’s reliability and stability are ensured.

The innovation of the research team of FOSS Research Centre for Sustainable Energy of the University of Cyprus is successfully one step ahead of its commercialization and is expected to be used both in Cyprus and worldwide, in various photovoltaic power plants.

The research team is consisted of Researchers of the PV Technology Laboratory of FOSS Research Centre for Sustainable of the University of Cyprus, namely Mr. Spyros Theocharides, Mr. Marios Kynigos and Mr. Andreas Livera under the supervision of Professor George E. Georghiou, Department of Electrical and Computer Engineering and the Researcher Dr. George Makrides.

The Awards Ceremony of the **OEB Cyprus Innovation Awards 2020** took place on the 16th December 2020, at 5.00pm at the Nicosia National Theatre and was broadcasted live online. The Awards were granted by the Deputy Minister of Research, Innovation and Digital Policy, Mr. Kyriakos Kokkinos.

The University of Cyprus cordially congratulates all the members of the scientific team.

Watch the 14th OEB Cyprus Innovation Awards Ceremony at the following link:

<https://www.facebook.com/imhbusiness/videos/3842120435833024/>

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