

PRESS RELEASE

Contact:

Communication Office
Promotion and Development Section
University of Cyprus
Tel.: 22894304, Fax: 22894477
E-mail: prinfo@ucy.ac.cy, Web-site: www.pr.ucy.ac.cy

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UCY FOSS SECURES FUNDING FROM THE EUREKA EUROSTARS PROGRAMME FOR RESEARCH AND INNOVATION

Rector: "Winning another significant funding further underpins our capability"



FOSS Research Centre for Sustainable Energy of the University of Cyprus (UCY) has secured funding to contribute to the development of the design of the Solarus Power Collector (Concentrated Photovoltaics combined with Thermal - CPVT) for optimum performance and automated production. The project titled "Solar CPC PVT Production" is coordinated by Solarus Sunpower (Sweden) with participants the University of Gävle (Sweden), the Instituto Superior Técnico (Portugal) and the Cypriot consortium, which includes FOSS Research Centre for Sustainable Energy, TÜV Cyprus and Johnsun Heaters Ltd. The total project funding is € 2,684M and the Cypriot consortium has

secured approximately €175.000.

Commenting on the new funding, UCY Rector, Professor Constantinos Christofides said: "Sustainable energy is a strategically important research area where UCY has been successfully performing. Winning another significant funding further underpins our capability and also our ability to deliver positive impact through research."

Solarus has a unique patented design for a concentrating Photovoltaic/Thermal solar collector (producing heat and electricity from the same box). This design, installed at more than fifty sites worldwide, is currently being tested successfully and, if produced in large scale, it is expected to out-compete other collectors in €/total kWh produced.

The main goals of the Eureka-project are to finalize the product design, so that it can be produced in an automated manner and to create the automated manufacturing methods. Robotized production

safeguards consistent quality while producing high volumes. These are crucial steps to consolidate cost competitiveness. After finalization of the project, the production costs of the collector are estimated to be a factor 3 lower than the current level. The Cypriot consortium will undertake the performance evaluation, standardized testing and pre-certification.

The funding is committed by the Eurostars program that is backed by Eureka (35 participating countries) and European Commission. Eurostars supports international innovative projects led by research and development- performing small- and medium-sized enterprises (R&D-performing SMEs).

Contact Information:

FOSS Research Centre for Sustainable Energy

University of Cyprus

foss@ucy.ac.cy

<http://www.foss.ucy.ac.cy>