



Smart net metering for promotion  
and cost-efficient grid-integration  
of PV technology in Cyprus

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

## Objective

To develop and validate a cost optimum scheme for higher renewable energy sources penetration in the energy mix of Cyprus.

## Description

SmartPV will investigate pilot net metering schemes for cost-effective PV implementation and higher grid penetration in Cyprus of distributed generation with the target of achieving a WIN WIN scenario for both consumers and energy utilities.

## Expected results

The project will put to the test, evaluate and disseminate a simple and timely concept (net metering) which should be more widely applied in Europe under appropriate, customized circumstances.

It will aim to highlight and understand the impact of smart net metering implementation on consumer billing options, consumption sensitivities, consumer energy-related behaviours, and cost and benefit implications for network owners and operators (financial impact).

For this purpose, energy consumption and production profiles of about 300 consumers-producers (prosumers) and 3.000 "smart" consumers in Cyprus will be examined. The latter category will involve consumers without PV systems installed who will accept smart metering to take place in their households for investigating any behavioural changes in energy consumption caused by the presence of the informative and interactive smart meter.

Schedule:  
1 July 2013 - 1 March 2017

Total budget:  
EUR 1.219.838

European Union contribution:  
EUR 568.464

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# SmartPV

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## Partners



University of Cyprus  
PV Technology



Αρχή Ηλεκτρισμού Κύπρου  
Electricity Authority of Cyprus



ρυθμιστική αρχή  
ενέργειας κύπρου  
cyprus energy  
regulatory authority



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