



## **PRESS RELEASE**

The Hellenic Electricity Distribution Network Operator (HEDNO) S.A. and the National Technical University of Athens (NTUA) co-organize, on the **25<sup>th</sup> of September at 10 a.m.**, at **HEDNO's building in Mesogia Area**, an open common workshop under the framework of the research activities within the **GRIDSOL and WiseGRID** European projects.

The workshop is open to everyone interested in the energy sector, such as citizens-consumers, energy producers, investors, researchers, universities and research institutes. On one hand, it will provide information regarding issues arising from the increasing penetration of Renewable Energy Sources (RES) in the network and gained experience on the technical aspects of it.

On the other hand, it will inform the citizens about WiseGRID project and its deployment in Mesogia area, enhancing the participants to actively contribute with their comments and proposals.



*Active Citizens and central  
players*

The energy landscape is changing rapidly. Examples such as the increasing integration of renewables and the shift towards a more rational and efficient way of energy use, can easily be found everywhere through Europe. Therefore, the European project WiseGRID aims to provide a set of solutions and technologies to increase the smartness, stability and security of an open, consumer-centric European energy grid.

The project will combine an enhanced use of storage technologies, a highly increased share of Renewable Energy Sources (RES) and the integration of charging infrastructure to favour the large-scale deployment of electric vehicles.

It will place citizens at the center of the transformation of the grid. The tools will be tested and evaluated in real life conditions in 4 large scale demonstrators - in Belgium, Spain, Greece and Italy. The citizens of the Mesogia area will have the opportunity to be part of this very interesting and well promising international project, therefore contributing to the energy market of the future that puts consumers in the driving seat!

More information about the project available on: [www.wisegrid.eu](http://www.wisegrid.eu).



GRIDSOL

*Smart Renewable Hubs for Flexible  
Generation - Solar Grid Stability*

GRIDSOL is a three-year long research program aiming to the development of an innovative generation plant with RES integration (solar-thermal technology, photovoltaics, wind generators) in combination with a thermal power unit (gas turbine) and energy storage system (thermal and electrical storage) under an advanced control system called Dynamic Output Manager of Energy (DOME).

The dependence on conventional polluting fossil fuels could be reduced through the increase in penetration of RES, however their stochastic nature imposes uncertainties in the continuity of energy supply. The required reliability and stability can be accomplished with the flexible production scheme proposed by GRIDSOL, including the combination of different technologies of RES, energy storage and conventional units.

More information about the project available on [www.gridsolproject.eu](http://www.gridsolproject.eu)

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