

<b>Project Title</b>	<b>“Development of Materials for Energy-Autonomous Water Purification Units for Safe Water Reuse”</b>
<b>Beneficiary</b>	<b>Solar Cells Hellas SA</b>
<b>Budget</b>	<b>98.000,00€</b>
<b>Structural Fund</b>	<b>European Regional Development Fund</b>
<b>Description</b>	<p>Solar Cells Hellas SA, in collaboration with the company “Raptis Christos”, the Department of Materials of the <b>University of Patras</b> and the <b>Institute of Chemical Engineering Sciences</b> of FORTH, implements a research project on developing innovative materials, which will be applied for the improvement of water quality and facilitating water reuse.</p> <p><b>Solar Cells Hellas SA</b> has the <b>coordination</b> and <b>responsibility</b> to manage the implementation of the project. Moreover, Solar Cells Hellas SA will develop an <b>autonomous pilot unit for water purification</b> and will participate in the <b>commercial exploitation</b> of the project results.</p>
<b>Goals</b>	The development of <b>low-cost absorbent materials, immobilized photocatalytic materials on substrates or granules of the adsorbents</b> , aiming at maximizing performance of removal and degradation of pollutants from water and to be used in Energy-Autonomous Water Purification Units for the safe re-use of water.
 	