






Field of the best practice	<input type="checkbox"/> PAPER <input type="checkbox"/> ELECTRIC <input type="checkbox"/> OTHER <input type="checkbox"/> THERMAL <input type="checkbox"/> MOBILITY
Title of the best practice	Demonstration Project implementing RES & EE in the 20th Primary School of Serres
Country	Greece
City	Serres, Central macedonia
School's name	20 TH PRIMARY SCHOOL OF SERRES
School's website	
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Short summary of the best practice	<p>The school, in its initial stage, was of a typical school construction, found in many areas of Greece. But, it was proven an energy consuming one.</p> <p>So, by using EU-funded Operational Program's subsidies, the school transformed into a new, modern educational building, where a student is willing to be, participate and learn.</p>
Goals	Improvement of the indoor conditions in the school and reduction of energy.
Main activities	<p>The main energy efficiency and RES actions are:</p> <ol style="list-style-type: none"> 1. New energy efficient windows and doors 2. New boiler/burner system, changing from diesel oil to biomass <div style="display: flex; justify-content: space-around;">   </div> <ol style="list-style-type: none"> 3. Installation of fans in the classrooms and offices. 4. Installation of a 10 kW PV system in the roof – Net metering 5. Replacement of two spots, 220W each, in the yard with LED ones.

	  
Background	<p>The school was constructed, in 1992, by the state-owned School Building Organization (SBO). The school building is constructed with reinforced concrete and masonry filling from brickwork with thermal insulation.</p>
Time frame	<p>2012 - 2014</p>
Other relevant information	<p>The school submitted an act-proposal for subsidy of all above described actions and, after evaluation, the proposal was included in the EU-funded Operational Program "<i>Environment and Sustainable Development</i>" code MIS 356924 and was approved by a decision of the Deputy Minister of Energy and Environment.</p>
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