

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 19TH Primary School of Haravgi
Country	Greece
City	Haravgi, Larissa,
School's name	19 TH PRIMARY SCHOOL OF HARAVGI
School's website	19dim-laris.lar.sch.gr
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Short summary of the best practice	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. 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.
Goals	Prior to any interventions, the existing energy class of the school was F. After implementation of the actions the energy class improved by three classes, to C.
Main activities	The main energy efficiency and RES actions are: 1. New energy efficient windows and doors 2. New heating system, with new boiler of higher efficiency, new thermal storage tank, new automatic control systems 3. Installation of a 2.6 kW PV system in the roof for covering the electric loads of PC room, with the required inverter 4. Installation of a solar heating system for covering the needs for HW of the school. 5. Installation of external insulation of the walls 6. Replacement of old-type outdoor lighting system with new ones by LED 76 W 7. Installation of a BEMS system.
Background	The school was constructed, in 1990, by the state-owned School Building Organization (SBO) in two levels: ground level and 1 st floor. Its architectural style is as of a Γ-construction. The school building is constructed with reinforced concrete and masonry filling from brickwork without thermal insulation.

Time frame	2012 - 2014
Other relevant information	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 352519 and was approved on 28/5/2012 by a decision of the Deputy Minister of Energy and Environment, with a total budget of € 225,817.25€.
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