

AEGEA's main focus has been on schools, since these were of high priority for financing under the Structural Funds. Schools, were on the top of the evaluation list and gathered the strong interest of municipalities for social policy reasons.

In the last two years, AEGEA collaborated with 13 island municipalities and in total supported the maturation of 26 studies for respective number of buildings.

During the pilot work, AEGEA technical experts conducted energy audits and inspections in selected buildings, decided the appropriate energy efficiency interventions - included in a technical study - and drafted an investment plan for the energy retrofiting of the identified buildings through the use of EPC.

Interventions were carried out in heating and cooling systems, insulation, lighting and the inclusion of RES. The total investment amounts to € 2.395.000.

Out of these municipalities, AEGEA developed investment plans for 4 municipalities and 11 respective buildings.

The interventions in the buildings mentioned above resulted in the energy savings indicated in the table below:

Mun/lity	Building Name	Inv. HVAC (k€)	Inv. Building (k€)	Projected Inv. RES (k€)		Total (k€)	Total after taxes and charges	Savings (MWh)	Savings (%)
Limnos	Technical School	177	0	40		217	366	57	40,9*
Psara	Primary School	61	52	20		133	224	50	82
	Local Infirmary	10	28	10		48	81	20	67*
	Multipurpose Hall	33	50	20		103	174	29	46,7*
	Municipal Hall	42	27	10		80	133	47	70,8*
Fournoi	Pr. School of Thymaina	-	16	10		26	44	7	65*
	Pr.School of Chrysomilia	1	26	10		37	63	24	71,1*
	Pr. School of Fournoi	14	85	45	20	165	276	137	76,2*
Kalymnos	Kalymnos Hospital	101	150	40		291	490	938	37,3*
	Pr.School of Kalymnos	49	160	40		250	420	40	52,2*
	Pr.School of Vathy	22	52	-		74	124	56	75,1
Totals		510	646	245		1424	2395		

Index	Education	Healthcare	Pub.Services	Subsidized	New Inv.	*refers to savings without PV panels

Furthermore, building on the pilot work and in collaboration with the municipalities, the Managing Authorities of the regional funds and the Ministry of Energy, AEGEA is working on the tender documents that will integrate the EPC scheme, allowing the ESCOs to propose additional measures in the energy production, energy metering with PV on the roofs of the buildings, and possibly BMS systems on the buildings to guarantee the savings.

Currently the energy upgrading of public buildings using EPC in Greece is still at a nascent stage, so through STEPPING our goal is to provide policy recommendations to the Ministry of Energy and the Regional Authorities on how to integrate the EPC model in the energy retrofitting of public buildings.



General High School of Moudros, Lemnos



Multiple uses building, Psara



Municipal Infirmary, Psara



Primary School, Fourni Korseon



Town hall, Psara



Vouvaleio Hospital, Kalymnos