

Summary Results/Indicators of Investment Plans carried out for the Municipality of *Saint-Laurent-de-la-Salanque* in France.

- Pictures of concerned buildings**



- General description of the pilot and its location**

The Investment Plan involve 4 public buildings belonging to 1 municipality, namely *Saint-Laurent-de-la-Salanque* located in the province of Pyrénées-Orientales in the South-East of the Occitanie Region in France. The four building are schools : two preschools and two primary schools.

The overall heated surface of the pool of the buildings is nearly 4 400 sqm, with an heated volume of about 12 500 cubic meter and a baseline consumption of 141.500 cubic meter of natural gas. Three schools are supplied with the same heating system (electricity) and one with a natural gas boiler. The average consumption is about 75 kWh-ef/sqm, but the building heated with natural gas has a higher ratio : it is more intensive with 93 600 kWh-ef and 110 kWh-ef/sqm.

For each building a detailed audit has been performed.

- Responsible project partner details**

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• **Summary/Results Indicators**

No. of Municipalities/Public Bodies involved	1 Saint-Laurent-de-la Salanque
No. of buildings (bundled EPC)	4
Total Investments needed (€)	1 M€, VAT included
Loan by the Public Body? If yes, amount (€)?	No
Available public funding/incentives considered (€)	500 000 € State, Occitanie Region, Province of Pyrénées-Orientales, CEE
VAT (%)	5,5%
Energy vector included? If yes, related value (i.e. €/standard cube metre of methane gas and or €/kWhe)	Yes. 0.140 €/kWh for electricity, VAT excluded 0.58 €/Sm3 for natural gas, VAT excluded
O&M included? If yes, related value (€)	Yes 2.500 €/y/building
Typology of ECM- Energy Conservation Measures (description)	A set of measures for each building such as: <ul style="list-style-type: none"> • change of heating system • insulation of roofs • insulation of envelopes • change of indoor light • energy management system

	The above list is only indicative and details are provided for each building in the audits. In any case it is the ESCO that is asked to provide its own solutions during the bid delivery.
Energy saving (%)	<p>The set of measures apply in each building would allow an important energy saving estimated according to the audit :</p> <ul style="list-style-type: none"> • 93% for natural gas, • 61% for electricity. <p>These good performances are related to the soft Mediterranean climate, and are the maximum. ESCOs will certainly guaranty performance below.</p>
kWh ANTE and kWh POST implementation ECMs (not standard but resulting from the energy audits)	<ul style="list-style-type: none"> • ANTE: <ul style="list-style-type: none"> ○ 229 000 kWh-ef for electricity ○ 76 500 kWh-ef for natural gas • POST : <ul style="list-style-type: none"> ○ 88 400 kWh-ef for electricity ○ 5 200 kWh-ef for natural gas
Avoided CO2 emissions (kgCO2/y)	30 t eq-CO2/y

• Forecasted Investment Plan

Investment	Energy refurbishment operations (VAT 5,5%)	873 645 €	91%
	Other operations (VAT 20%)	0 €	0%
	Studies and assistance costs (VAT 20%)	87 365 €	9%
	TOTAL €HT	961 010 €	100%
	TOTAL €TTC	1 026 533 €	
Ressources	FCTVA - 16,404%	168 393 €	16%
	Grant 1 (DSIL - 25%)	256 633 €	25%
	Grant 2 (Occitanie Region - DATRM)	50 000 €	5%
	Grant 3 (Department council)	0 €	0%

Other	0 €	0%
Certificate of Energy Savings (CES)	37 994 €	4%
Total grants & assimilated	513 020 €	50%
Own ressources	513 513 €	50%
Remaining amount (financement with long term loan/intracting)	0	0%