



## City of Paris

<b>Location</b>	<b>Paris, France</b>
<b>Beneficiary</b>	City of Paris
<b>CoM signatory</b>	YES
<b>Sector</b>	EE & (RE) in public buildings (schools)
<b>ELENA contribution</b>	EUR 1 377 000
<b>Project development services (PDS) financed by ELENA</b>	Preparation and implementation of investment programme: <ul style="list-style-type: none"> <li>• Choice of schools to be refurbished</li> <li>• Preparation of energy performance contract approach, carrying out preparatory studies</li> <li>• Preparation of energy base line for pooled schools (3 pools of ~ 100 schools each)</li> <li>• Tender preparation and launch of tendering procedure</li> <li>• Monitoring of signed contracts</li> <li>• Targeted information actions towards teachers, pupils, employees and pupils' parents</li> </ul>
<b>Description of ELENA operation</b>	PIU is composed of three full time additionally hired staff, in charge of <ul style="list-style-type: none"> <li>• Definition of the investment programme and tendering procedure</li> <li>• Cooperation with other relevant directorates</li> <li>• Management of external expertise for the preparation and signature of EPCs, for the monitoring of implemented contracts and targeted information actions</li> </ul>
<b>Timeframe</b>	2010 - 2013 (works will be continued for the last two pools after this period)
<b>Basis for investment identification</b>	Climate action plan for the city of Paris
<b>Investment programme description</b>	<ul style="list-style-type: none"> <li>• Improvement of the building envelope</li> <li>• Energy management systems with control and monitoring of the energy devices installed</li> <li>• Energy efficient lighting</li> <li>• Installation of PV plants on school roof tops, where suitable and financial viable</li> </ul>
<b>Investment to be mobilized</b>	Expected investment adds up to EUR 180 million addressing energy refurbishment (and PV plants) in the selected schools
<b>Expected results</b>	The investment should reduce by at least 30% energy consumption and CO <sub>2</sub> emissions <ul style="list-style-type: none"> <li>• Energy saved: 32.5 GWh/y</li> <li>• PV electricity production: not estimated</li> <li>• CO<sub>2</sub> reduced: 6 480 t/y</li> </ul>
<b>Leverage factor</b>	131
<b>Market replication potential</b>	Considered as high: Large scale implementation of EPC scheme; will encourage other municipalities to follow the way
<b>Project status</b>	ELENA contract signed on 15 December 2010
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