

Good Practice factsheet

France – Energy Performance Contracting for public buildings

Topic	Private public partnerships for energy efficiency
Name of work programme/project	EPC of the city of Montluçon
Project scope and description	
Short description of the programme & what it hopes to achieve	The project aimed at improving the energy efficiency of the city of Montluçon through over 170 energy efficiency improvement measures realised in its public buildings (96 buildings), for example, the installation of condensation boilers, heat pumps, or connecting to a heat network, the use of wood energy for schools, the use of solar energy for the central kitchen, or changing doors and windows. It has a target of 17% reduction in energy consumption.
What is the scope of the project? e.g. - National/regional/local - Building type/owner	The project is run locally by the city of Montluçon and applies to all the public buildings in the city.
Who are the key people involved? e.g.: - Installers - Local Authorities	Key people involved include: <ul style="list-style-type: none"> - the city of Montluçon (public partner) - Dalkia (private partner) - Local enterprises (which have realized over 75% of the measure implementation) - Montluçon's inhabitants, as the savings will rely a lot on a change of behaviour.
Who was the target audience?	The project is aimed at the Montluçon inhabitants and especially at the users of public buildings (public agents, pupils, teachers...).
How was this work programme/project financed?	Dalkia financed the investment through a private bank loan
What was the cost of the work programme/project?	Dalkia invested 1.8M€
When did it start and end?	The consultation started in May 2009 and all the measures were implemented by the end of September 2010.
Project Outcomes & Communication	
What were the key achievements?	As the project ended a short time ago, achievements are not able to be evaluated yet.
What were the outcomes and expected benefits?	Main outcomes : <ul style="list-style-type: none"> - Connection of 69 buildings to a centralized management system ; - Installation of condensation boilers in 17 buildings ; - Connection of 2 buildings to a heat network - Installation of wood-fired boilers in 2 schools - Installation of 38sqm of solar thermal panel for hot water production at the central kitchen - Installation of heat pumps in 13 buildings

	<ul style="list-style-type: none"> - Replacement of all 284 doorframe of the Frédéric Mistral school <p>Expected benefits : 17% reduction in primary energy consumption and 177 000 € savings for the city</p>
What were the key lessons learned?	
Is there anything you would do differently in future?	
What makes this a good practice example?	<p>Pooling of different type of buildings into one project big enough to interest ESCOs. Fast implementation of measures</p>
Web links to further information	<p>In French: http://www.mairie-montlucon.fr/Infos-Pratiques/Environnement/CPE-Contrat-de-Performance-Energetique.html</p>
Contact details of named person for further information	
Please indicate if this case study can be made available to the public?	Yes