



## Les Temps Durables (Limeil-Brévannes – France)

<b>Project description</b>	<p>The Temps Durables (Sustainable Times) district is located in the North-West of the City of Limeil Brévannes (Val-de-Marne). It will cover 9.5 hectares and provide 1000 dwellings for 2300 inhabitants and commercial areas. It will be constructed with renewable energies only, without any CO<sub>2</sub> emissions, apart from the transport of the biomass burnt for heating.</p> <p>The Jean-Louis Marquize school is a positive energy building (that produces more energy than it consumes) and was inaugurated in November 2007.</p>	
<b>Objectives</b>	<p><b>Social:</b> 50% of the dwellings will be for sale and 50% for rent. Social diversity will also be respected with 50% of private apartments and 50% of social housing.</p> <p><b>Economy:</b> Job creation on 8000 m<sup>2</sup> of commercial area (a supermarket and 23 small shops); internet access for all.</p> <p><b>Energy:</b> wood heating system (for 55% of the annual heating needs); vegetal oil heating system for heating and sanitary hot water (20% of the needs); solar panels (2290 m<sup>2</sup>) for the production of sanitary hot water (17,2% of the needs); water/air heating pumps connected to the ventilation systems for the production of sanitary hot water (3,2% of the needs); 3620 m<sup>2</sup> of photovoltaic panels on the roofs for the production of 300 MWh/year.</p> <p><b>Water:</b> collection and use of rain water.</p> <p><b>Transport:</b> only one parking place per household, alternative ways of transport managed by the mobility agency (information agency for the inhabitants): car pooling and car sharing, electric vehicles, cable-car, bike location.</p>	
<b>Driving factors</b>		<p>The main driving factors are: growing need for housing (typical of the region around Paris), a solution to the polluted land of the city and the establishment of a sustainable development policy that led to this project.</p>
<b>Financing structure</b>	<p>The investment costs for the construction of the Jean-Louis Marquize school summed up to 5 600 000 euros. The project was supported by the Region (Ile-de-France) and the ADEME (French Agency for the environment and energy management).</p>	
<b>Partners &amp; roles</b>	<p>The idea of a sustainable district in the City Limeil-Brévannes came up in 2005, in collaboration with the SEMALB (semi-public company of Limeil-Brévannes), a group of real-estate developers, the ARENE (Regional Agency for the environment and energy) and the inhabitants. In May 2006, an agreement was signed between the SEM, the investors and the constructors.</p>	
<b>Further information</b>	<ul style="list-style-type: none"> <li>- City of Limeil-Brévannes : <a href="http://www.limeil-brevannes.fr/">http://www.limeil-brevannes.fr/</a></li> <li>- SEMALB : <a href="http://www.sem-avenir.fr/">http://www.sem-avenir.fr/</a></li> <li>- La Revue Durable, number 28 (February – March – April 2008)</li> </ul>	
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