



# The Varennes-Jarcy plant (France)

<b>Client:</b>	SIVOM de la Vallée de l'Yerres et des Sénarts Route du Tremblay 91480 Varennes-Jarcy France
<b>Treatment capacity of the plant:</b>	70 000 t/y of municipal solid waste 30 000 t/y of biowaste
<b>Type of contract:</b>	Conception, construction and start-up
<b>Realisation:</b>	Consortium Steinmüller Rompf Wassertechnik/Quille
<b>Start-up date:</b>	2002
<b>Plant operator:</b>	Urbasys SAS (80 % Urbaser, 20 % Valorga International)
<b>Plant description:</b>	<ul style="list-style-type: none"> <li>* Mechanical sorting</li> <li>* Anaerobic digestion (Valorga)</li> <li>* Post-composting, mechanical turning and aeration</li> <li>* Air treatment</li> </ul>
<b>Volume of digesters:</b>	2 x 4 200 m <sup>3</sup> 1 x 4 500 m <sup>3</sup>
<b>Operation conditions:</b>	Mesophilic
<b>Gas yield:</b>	110 - 120 Nm <sup>3</sup> /t input digestion
<b>Gas use:</b>	Heat and electricity production (3 MWe)
<b>Amendment use:</b>	Agriculture

## Address of the plant:

SIVOM de la Vallée de l'Yerres et  
des Sénarts  
Route du Tremblay  
91480 Varennes-Jarcy  
France