

Digesters	Country	WWE1	<i>C. acidaminovorans</i>	Scale <sup>a</sup>	Process <sup>b</sup>	Effluent <sup>c</sup>	T°C <sup>d</sup>
Aix en Provence	France	+	+	I	CST	W	M
Aix en Provence	France	+	+	I	CST	W	T
Asnières sur Oise	France	+	-	I	CST	W	M
Bilten	Switzerland	+	+	I	CST	W + 40% paper, food, textile industry	M
Brno	Czech Republic	+	+	I	CST	W + 30% dairy, food industry	M
Casolino	Italy	+	-	I	CST	W + 15% industry, heavy metals	M
Cholet	France	+	+	I	CST	W + 9% slaughterhouse	M
Clos de Hilde	France	-	-	I	CST	W	M
Conneré	France	+	-	I	FBR	cassoulet and sauerkraut	M
Corbeil	France	+	+	I	CST	W	M
Cork	Ireland	+	+	I	UASB	citric acid from beet molasses production	M
Creil	France	+	+	I	CST	W	M
Culiacan	Mexico	-	-	I	CST	W	M
El Trebal	Chili	-	-	I	CST	W	M
Evry	France	+	+	I	CST	W	M
Goslar	Germany	+	-	I	CST	W	M
Haguenau	France	+	-	I	CST	W + 30% mechanical, food industry	M
La Roche sur Foron	France	+	-	I	CST	W + 50% food industry	M
Les Mureaux	France	+	-	P	CST	W	M
Manheim	Germany	+	-	I	CST	W + 50% paper industry	M
Marseille	France	-	-	I	CST	W	M
Marseille	France	-	-	I	CST	W	M
Mexico city	Mexico	+	+	L	UASB	rum vinasses	M
Mexico city	Mexico	+	-	L	FBR	rum vinasses	M
Mexico city	Mexico	+	+	I	UASB	yeast factory	M
Montardon	France	+	-	P	SBR	pig slurry	M
Montreal	Canada	+	+	I	CST	W	M
Montreal	Canada	+	+	L	UASB	phenolic compounds	M
Mulheim	Germany	+	-	I	CST	W + green wastes	M

Narbonne	France	+	-	L	SBR	pig slurry	M
Narbonne	France	+	-	L	SBR	pig slurry	M
Narbonne	France	+	-	L	UASB	lignin	M
Narbonne	France	-	-	P	FBR	vinasses	M
Narbonne	France	-	-	L	FBR	vinasses	M
Palencia	Spain	+	-	I	CST	W + food industry	M
Puebla	Mexico	-	-	I	CST	W + 20% textile, coloring industry	M
Rochefort	France	-	-	I	CST	W + 12% industry, heavy metals	M
Roquetas de mar	Spain	-	-	I	CST	W + 15% paper industry	M
Rostock	Germany	+	+	I	CST	W + 28% food industry	M
Saint-Laurent de Cognac	France	+	-	I	FB	acidogenic vinasses	M
Saint-Laurent de Cognac	France	+	-	I	FB	acidogenic vinasses	M
Saint-Laurent de Cognac	France	+	-	I	CST	lees vinasses	M
Zabreh	Czech Republic	-	-	I	CST	W + 30% food industry	T

a: (I) Industrial scale, (L) lab scale, (P) Pilot scale.

b: (CST) Continuously Stirred Tank, (FB) Fixed Biofilm, (FBR) Fluidized Bed Reactor, (UASB) Up flow Anaerobic Sludge Blanket

c: (W) wastewater

d: (M) mesophile, (T) thermophile

**Supplementary table 5 : WWE1 and *C. acidaminovorans* PCR detection in several anaerobic digesters**