

Number of plants: 10
Average capacity: 25 t/h
Quantity treated 2004: 2.221.000 t



Spain**General Information**

Location	Name of Plant Web-site	Address of Plant
Barcelona	Planta Energètica de Sant Adrià del Besòs www.tersa.com	
Bilbao	Zabalgardi en construcci3n	Camino de Artigas, 10 48002 Bilbao
Cereda (A Coru1a)	Sogama www.sogama.es	Morz3s, 10 bajos 15187 San Rom3n - Encrovas. Cereda, A Coru1a
Girona	TRARGISA	Paratge De Campdor3, S/N 17461 GIRONA
Madrid	TIRMADRID	Ca1ada Real De Merinas, S/N (Valdemingomez) 28051 Madrid
Matar3	TRM www.plantabrossa-maresme.com	C/ de la Teixidora, 83 PI Les Hortes del Cam3 Ral 08302
Melilla	REMESA www.remesa.es	Horcas Doradas C/D, s/n 52002 MELILLA
Meruelo (Cantabria)	Cantabria www.urbaser.com	B3 La Verna, s/n 39192
Palma De Mallorca	TIRME www.tirme.com	Ctra. De S3ller, KM 8,2 07120 Palma
Tarragona	SIRUSA www.sirusa.es	C/ Coure s/n. Polg.Ind.Riu Clar 43206 Tarragona

Spain

Technical Information on the Plant

Location	Line No.	Establ. Year	Closure Year	Capac. t/h	Nom CV GJ/t	Furnace		Boiler		Steam Data oC/bar	Hours of Operat.2004
						Type	Supplier	Type	Supplier		
Barcelona	1	1975		15	8,4					400/40	8000
	2	1975		15	8,4					400/40	8000
	3	1975		15	8,4					400/40	8000
Bilbao	1	2005	2030	30	8,3	M	CNIM	AQUO TUBU LA	MARTIN/CNIM	326/103	5760
Cereda (A Coruña)	1	2002		23		FB					6500
	2	2002		23		FB					
Girona	1	1984		3		M	Martin	S	Aitesa	/	
Madrid	1	1997	2020	9,17	14,65	FB	EBARA	S	Vulcano/ERK	420/48	7849
	2	1997	2020	9,17	14,65	FB	EBARA	S	Vulcano/ERK	420/48	
	3	1997	2020	9,17	14,65	FB	EBARA	S	Vulcano/ERK	425/48	
Mataró	1	1994		10	8,38	M	Martin	S	MARTIN/CNIM	380/61	7395
	2	1994		10	8,38	M	Martin	S	MARTIN/CNIM	380/61	7428
Melilla	1	1996		4,5	9,1	M	Von Roll	S	Von Roll	400/40	8000
Meruelo (Cantabria)	1	2005		12	11,72		LURGI LENTJES	ACUT UBULAR	LURGI LENTJES	420/48	
Palma De Mallorca	1	1997	2025	18,75	6.4-7.5	M	DEUTSCHE BABCOCK	S	DEUTSCHE BABCOCK / MACHI-DBA	396/42	8735
	2	1997	2025	18,75	6.4-7.5	M	DEUTSCHE BABCOCK	S	DEUTSCHE BABCOCK / MACHI-DBA	396/42	8646
Tarragona	1	1990		9,6		M	DBA	S	DBA/Eckrokessel	360/40	8064
	2	1990		9,6		M	DBA	S	DBA/Eckrokessel	360/40	8016

Spain

Technical Information on the Plant

Location	Line No.	Flue Gas Cleaning System	ESP		Flue Gas Cleaning		Flue Gas Temp., °C
			Year	Supplier	Year	Supplier	
Barcelona	1	SD	1975	DEFISA	1998	SEGHERS	150
	2	SD	1975	DEFISA	1998	SEGHERS	150
	3	SD	1975	DEFISA	1998	SEGHERS	150
Bilbao	1	SNCR+SD+FF			2005	CNIM	140
Cereda (A Coruña)	1	SD+FF					140
	2	SD+FF					140
Girona	1	ESP + DRY + FF				Defisa	140
Madrid	1	SD+FF			1997	H-ABT	180
	2	SD+FF			1997	H-ABT	180
	3	SD+FF			1997	H-ABT	180
Mataró	1	SD/FF			1994	ABB Fläkt (reactor); DEFISA (filter)	160
	2	SD/FF			1994	ABB Fläkt (reactor); DEFISA (filter)	160
Melilla	1	SD				Procedair	130
Meruelo (Cantabria)	1	ABSORBEDOR +FF				LURGI LENTJES	140'
Palma De Mallorca	1	SD+FF			1997	ABB Fläkt	145-150
	2	SD+FF			1997	ABB Fläkt	145-150
Tarragona	1	SD			1996	FL Miljø	140
	2	SD			1996	FL Miljø	140

Spain
Operational data, 2004

Location	Total Incinerated Waste Quantity							Aux. Fuels
	Total (tonnes)	Household (tonnes)	Commercial /Industrial (tonnes)	RFD, Pellets (tonnes)	Sludge (tonnes)	Hospital Waste (tonnes)	Other (Specify) (tonnes)	O: Oil (l) G: Gas (Nm3) B: Biomass (t) S: Sundry (spec.)
Barcelona	328832	328832						G:118892
Bilbao	157808	157808	-	-	-	-	-	
Cerceda (A Coruña)	506247							
Girona	30620							
Madrid	291675			291675				O:1128600
Mataró	149218							G:62876
Melilla	46227							
Meruelo (Cantabria)	244639	244639		90				
Palma De Mallorca	328747	326691			2056			O:418628
Tarragona	137205	137205						O:47750

Spain
Operational data, 2004

Location	Residues		Energy Produced			Energy Sold		
	Bottom Ash (tonnes)	Flue Gas Res. (tonnes)	Steam (tonnes)	Electricity (MWh)	Heat (MWh)	Steam (tonnes)	Electricity (MWh)	Heat (MWh)
Barcelona	69388	11516	704858	174037		30859	135366	
Bilbao	34828	6312	-	521785	-	-	494295	-
Cerceda (A Coruña)	68647	32180		319909			288069	
Girona	6736	798		5985000			2959700	
Madrid	15540	28547		228501			173377	
Mataró	36772	6382	365138	75521			64462	
Melilla	11094	739		12459			9086	
Meruelo (Cantabria)	4290	7485	300000	81000			66000	
Palma De Mallorca	78721	26684	796666	173887			145810	
Tarragona	32775	3292		55594	342999		44895	

