



Reference list: **Waste-to-Energy Plants 1997 – 2013**

Year Commissioning	Plant	Country	Fuel	Number of lines	Plant size t/h (MCR)	Steam t/h	Type of output	Type of grate		Pressure bar	Temperature °C
2013	West Palm Beach	USA	Waste	3	41.6	133	Electricity	DynaGrate®	Water-cooled	63	443
2013	Gyeongsan	Korea	Waste	1	4.2	17.9	Steam Electricity	Vølund grate	Air-cooled	31	300
2013	Lidköping	Sweden	Waste	1	9.3	32.4	Electricity District heating	DynaGrate®	Water-cooled	41	353
2013	Voimala 2, Riihimäki	Finland	Waste	1	16.4	43.5	Electricity District heating	DynaGrate®	Water-cooled	26	320
2013	Helsingborg	Sweden	Waste	1	27	88	Electricity District heating	DynaGrate®	Water-cooled	50	425
2012	Ulsan	Korea	Waste	1	10.4	42.7	Electricity	Vølund grate	Air-cooled	47	400
2012	Forus 2, Stavanger	Norway	Waste	1	8.8	28.4	Electricity District heating	DynaGrate®	Water-cooled	42	403
2011	Lekeng II, Guangzhou	China	Waste	3	31.3	63	Electricity	Vølund grate	Air-cooled	40	400
2011	Meath	Ireland	Waste	1	26.7	82.7	Electricity	DynaGrate®	Air-cooled	43	400
2011	Chuncheon	Korea	Waste	1	7.1	37.7	Electricity	Vølund grate	Water-cooled"	30	300
2011	Hamar, Trehoerningen	Norway	Waste	1	10.8	38.4	Electricity District heating	DynaGrate®	Water-cooled"	42	402
2009	Tafjord II	Norway	Waste	1	8.8	29	Electricity District heating	Vølund grate	Air-cooled	40	400

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2009	Fiskeby Board	Sweden	Waste	1	9	54	Steam Electricity	Vibrating grate	Water-cooled	65	430
2008/10	Sarcelles	France	Waste	2	11	24.3	Steam Electricity	Vølund grate	Air-cooled	45	380
2008	Strängnäs	Sweden	Waste	1	9.5	48	Steam Electricity District heating	Vibrating grate	Water-cooled	72	480/420
2008	Boden	Sweden	Waste	1	8.8	46	Electricity District heating	Vølund grate	Air-cooled	40	400
2007	Kolding	Denmark	Waste	1	12.5		District heating	DynaGrate®	Water-cooled	10	180
2007	Garp / Linköping	Sweden	Waste	2	12	47.9	Electricity District heating	Vølund grate	Water-cooled	17.5	206
2006	Affald+, Naestved	Denmark	Waste	1	8	31	Electricity District heating	DynaGrate®	Air-cooled	50	400
2006	Sundsvall	Sweden	Waste	1	25	69.7	Electricity District heating	DynaGrate®	Water-cooled	40	400
2005	Reno Nord	Denmark	Waste	1	24	80.7	Electricity District heating	DynaGrate®	Air-cooled	50	425
2005	MAPO	Korea	Waste	3	11.5	39	Electricity	Vølund grate with rotary kiln	Air-cooled	18	207
2005	Eksjö	Sweden	Waste	1	8	28.3	Electricity District heating	Vølund grate	Water-cooled	16	217
2005	Skövde	Sweden	Waste	1	9	28.3	Electricity District heating	Vølund grate	Water-cooled	16	217
2004	ICDI Charleroi	Belgium	Waste	1	8	23.4	Electricity	Vølund grate	Air-cooled	40	380
2004	IVM Eeklo	Belgium	Waste	2	6.3	18	Electricity	Vølund grate	Air-cooled	38	400
2004	Finspaang	Sweden	Waste	1	4.4		Electricity District heating	Vølund grate	Air-cooled	16	150
2004	Linköping	Sweden	Waste	1	24	90.4	Electricity District heating	Vølund grate	Water-cooled	43	400
2004	Högdalen	Sweden	Waste	1	37	117	Electricity District heating	Vølund grate	Water-cooled	36	400
2003	Esbjerg	Denmark	Waste	1	26.4	95	Electricity District heating	Vølund grate	Air-cooled	43	400

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2003	Miryang	Korea	Waste	1	2.1	7.3	Electricity	Vølund grate	Air-cooled	10	183
2003	Hässleholm	Sweden	Waste	1	8.2	28.3	Electricity District heating	Vølund grate	Water-cooled	16	217
2002	Hammel I	Denmark	Waste	1	4.6		Electricity District heating	Vølund grate	Air-cooled	6	110
2002	Nevers	France	Waste	1	6	19.4	Electricity	Vølund grate	Air-cooled	40	350
2002	Avesta	Sweden	Waste	1	10		Electricity District heating	Vølund grate	Water-cooled	16	217
2001	Hobro	Denmark	Waste	1	4.7		Electricity District heating	Vølund grate	Air-cooled	6	110
2001	Yokohama, Kanazawa	Japan	Waste	3	16.7	68.8	Electricity	Vølund grate	Air-cooled	40	400
2001	Cheon-an	Korea	Waste	1	8.3		Electricity	DynaGrate®	Air-cooled		
2001	Ljungby	Sweden	Waste	1	8.2	28.3	Electricity District heating	Vølund grate	Air-cooled	21	217
2000	Changwon I	Korea	Waste	1	8.3	26	Electricity	Vølund grate	Air-cooled	20.6	240
2000	Ulsan	Korea	Waste	2	8.3	29.2	Electricity	Vølund grate	Air-cooled	16.7	203
1999	Svendborg II	Denmark	Waste	1	6	23.8	Electricity District heating	Vølund grate	Air-cooled	52	400
1999	Nykoeping F. III	Denmark	Waste	1	9	35	Electricity District heating	Vølund grate	Air-cooled	40	400
1999	Shetland Islands	United Kingdom	Waste	1	3.5		District heating	DynaGrate®	Air-cooled		120
1999	Kinna Marks Värme	Sweden	Waste	1	4		District heating	DynaGrate®	Air-cooled	32	220
1998	AVV Hjoerring	Denmark	Waste	1	6	24	Electricity District heating	DynaGrate®	Air-cooled	50	400
1998	Vestforbraending II, Glostrup	Denmark	Waste	1	26	103	Electricity District heating	Vølund grate	Air-cooled	53	380
1998	Pali	Taiwan	Waste	3	19	57	Electricity	Vølund grate	Air-cooled	40	57
1998	Samui	Thailand	Waste	2	2.92		Electricity	Vølund grate	Air-cooled		

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1997	Lannion	France	Waste	1	7	18.9	Electricity District heating	Vølund grate	Air-cooled	39	350
1997	Tokyo, Edogawa	Japan	Waste	2	12.5	52.1	Electricity District heating	Vølund grate	Air-cooled	28	300
1997	Kalix	Sweden	Waste	1	4.3		District heating	Vølund grate	Air-cooled	16	400
1997	Tainan	Taiwan	Waste	2	19	42	Electricity	Vølund grate	Air-cooled	40	400
1997	Hsinchu	Taiwan	Waste	2	19	57	Electricity	Vølund grate	Air-cooled	40	400
1997	Cleveland	United Kingdom	Waste	2	14	43,4	Electricity District heating	Vølund grate	Air-cooled	45	400