

Reference plants for the use of Sewage Sludge



KVA Bremen, Germany
KENOW GmbH & Co. KG



Rated thermal input	18,5	MW
Steam capacity	21,6	t/h
Steam pressure	65	bar
Steam temperature	450	°C
Fuel	Sewage sludge	
Scope	Boiler Island	
Year of commissioning	2022	

KVA Karlsruhe, Germany
Stadt Karlsruhe



Rated thermal input	6,6	MW
Steam capacity	7	t/h
Steam pressure	41	bar
Steam temperature	400	°C
Fuel	Sewage sludge	
Scope	Plant completion and commissioning	
Year of commissioning	2021	

**WMF Allington Quarry, Kent, Great Britain
Lentjes GmbH (formerly Lurgi Lentjes AG)**



Rated thermal input	3 x	53,8	MW
Steam capacity		58	t/h
Steam pressure		65	bar
Steam temperature		420	°C
Fuel	Residual materials, household waste, sewage sludge		
Scope	Boiler Island		
Year of commissioning		2006	

**Sleco-Centrale, Beveren, Belgium
Lentjes GmbH (formerly Lurgi Lentjes AG)**



Rated thermal input	3 x	52,3	MW
Steam capacity		61,5	t/h
Steam pressure		42	bar
Steam temperature		400	°C
Fuel	Residual materials, household waste, sewage sludge		
Scope	Boiler Island		
Year of commissioning		2006	

FBC Plant, Grovehurst, Kent, Great Britain
Lentjes GmbH



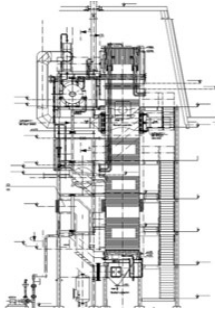
Rated thermal input	33,75	MW
Steam capacity	61,5	t/h
Steam pressure	42	bar
Steam temperature	400	°C
Fuel	Waste heat from sewage sludge incineration	
Scope	Boiler Island	
Year of commissioning	2002	

SVA Neu-Ulm, Deutschland
ThyssenKrupp EnCoke



Rated thermal input	9	MW
Steam capacity	7,9	t/h
Steam pressure	40	bar
Steam temperature	400	°C
Fuel	Waste heat from sewage sludge incineration	
Scope	Boiler Island	
Year of commissioning	1999	

**Belfast Sewage Sludge Incinerator, Belfast, Ireland
Lurgi UK**



Rated thermal input		MW
Steam capacity	15	t/h
Steam pressure	54	bar
Steam temperature	355	°C
Fuel	Sewage sludge	
Scope	Boiler Island	
Year of commissioning	1997	

**Schlamm-Entwässerungs- und Verbrennungs-Anlage (SEVA), Frankfurt, Germany
Lentjes Industriekessel**



Rated thermal input		MW
Steam capacity	4 x 7,5	t/h
Steam pressure	46	bar
Steam temperature	400	°C
Fuel	Sewage sludge	
Scope	Boiler Island	
Year of commissioning	1994 / 1996	