

# REFERENCE LIST

## INDUSTRY

Project	Country	Raw Substrates	Energy	Status
Valdis	FRA	80.000 mt/yr food waste	3 MW	in operation since 2012
Eugene	USA	19.500 mt/yr food waste	1,5 MW	construction start 2012
Emerald	UK	40.900 mt/yr food waste	1,4 MW	construction start 2012
Benet	FRA	33.600 mt/yr food waste	1,3 MW	in operation since 2010
Benet	FRA	40.100 mt/yr food waste	1 MW	in operation since 2010
Selby	UK	160.000 mt/yr food waste slaughterhouse waste	4 MW	detail planning for approval by authorities
Malchin	Germany	50.000 mt/yr food waste	2 MW	in operation since 2008
Lucknow	India	150.000 mt/yr municipal waste	5 MW	in operation 2002 - 2004
Kogel	Germany	40.000 mt/yr food waste	2 MW	in operation since 2004
Nakasorachi	Japan	16,000 mt/yr bio waste	5 x 80 kW	in operation since 2002
Beinheim	France	37.000 m <sup>3</sup> /yr industrial sewage sludge	Boiler	in operation since 2002
Higashi Kanbara	Japan	9.400 mt/yr night soil	Boiler	in operation since 2001
Taichung	Taiwan	117.000 mt/yr distillery slops	Boiler	in operation since 1994
Taichung	Taiwan	7.300 m <sup>3</sup> /a waste water from horse and dog military camp	Boiler	in operation since 1994
Taitung	Taiwan	9.000 m <sup>3</sup> /yr waste water from train toilets	Boiler	in operation since 1994
Thessaloniki	Greece	90.000 m <sup>3</sup> /yr waste water from yeast production	Boiler	in operation since 1992
Dwangwa	Malawi	350.000 mt/yr distillery slops	Boiler	in operation since 1990
Izmit	Turkey	250.000 mt/yr waste water from yeast production	Boiler	in operation since 1990

## MUNICIPALITIES

Project	Country	Raw Substrates	Status
Niederfrohna	Germany	22.000 inh. equ. sewage sludge	in operation since 2008
Tamsweg	Austria	12.000 inh. equ. sewage sludge	in operation since 2002
Penzberg	Germany	90.000 inh. equ. sewage sludge	in operation since 2000
Bagnatica	Italy	180.000 inh. equ. sewage sludge	in operation since 1999

# REFERENCE LIST

## AGRICULTURE

Project	Country	Raw Substrates	Energy	Status
Dona Ana	USA	1.057.000 mt/yr dairy manure	20 MW	under planning
Polan	Spain	120.000 mt/yr pig manure	15 MW*	in operation since 2009
Consuegra	Spain	120.000 mt/yr pig manure	15 MW*	in operation since 2009
Miralcamp	Spain	120.000 mt/yr pig manure	15 MW*	in operation since 2009
Ravenna	USA	22.000 mt/yr cow manure	300 kW	in operation since 2008
Boly	Hungary	130.000 mt/yr cow manure 33.000 mt/yr energy crops	3 MW	licence applied
Senftenberg	Germany	55.000 mt/yr energy crops	3 MW	in operation since 2007
Granja San Ramon	Spain	29.000 mt/yr cow manure	260 kW	licence applied
Namakkal	India	86.000 mt/yr chicken manure	1 MW	in operation since 2004
Juneda II	Spain	120.000 mt/yr pig manure	16 MW*	in operation since 2003
Gundorf	Germany	40.000 mt/yr cow manure	360 kW	in operation since 2003
Brederis	Austria	1.000 mt/yr cow manure 1.000 mt/yr energy crops	40 kW	in operation since 2003
Sulzberg	Austria	1.000 mt/yr grass / hay 600 mt/yr cow manure	55 kW	in operation since 2002
Dedelow	Germany	128.000 mt/yr cow manure	800 kW	in operation since 2002
Tornitz	Germany	73.000 mt/yr pig manure	625 kW	in operation since 2002
Fehrbellin	Germany	46.000 mt/yr cow manure	511 kW	in operation since 2001
Zwönitz	Germany	37.000 mt/yr cow manure	380 kW	in operation since 2001
Juneda I	Spain	110.000 mt/yr pig manure	16 MW*	in operation since 2001
Großvoigtsberg	Germany	37.000 mt/yr cow manure	240 kW	in operation since 1998
Yagi Cho	Japan	30.000 mt/yr industry and farming waste	250 kW	in operation since 1998
Young Kwang	Korea	29.000 mt/yr pig manure	125 kW	in operation since 1993

\* incl. natural gas